

TDMS No. 20310 - 03

Test Type: 26-39 WEEKS

Route: GAVAGE

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT+3TC combination

CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010

Time Report Requested: 12:30:53

First Dose M/F: 12/22/06 / NA

Lab: NCTR

C Number: C20310B
Lock Date: 04/20/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 2.2.0

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 Lab: NCTR

C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE Vehicle	DAY ON TEST																								* TOTALS
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
ANIMAL ID	0006	0002	0008	0003	0001	0002	0004	0006	0007	0008	0002	0009	0000	0008	0009	0009	0007	0007	0008	0000	0005	0001	0000	0002	25

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Gallbladder	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	22
Intestine Large, Cecum	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	22
Intestine Large, Colon	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	22
Intestine Large, Rectum	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	22
Intestine Small, Duodenum	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	23
Intestine Small, Ileum	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	22
Intestine Small, Jejunum	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	23
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25
Hematopoietic Cell Proliferation																								2	1 2.0
Necrosis																								1	1 1.0
Vacuolization Cytoplasmic		2	2	1	2	2			2	2	2	1	2	2	3	2		2	2	2	2	2	2	2	19 1.9
Centrilobular, Degeneration			2	1	2	2			2	2	2			2	3	2		2	2	2	2	2	2	2	15 2.0
Mesentery																									3
Fat, Necrosis										4														+	1 4.0
Pancreas	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24
Cyst															4										1 4.0

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 Lab: NCTR

DAY ON TEST	C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE																									* TOTALS			
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				
Vehicle	ANIMAL ID																												
	0006	0002	0008	0003	0001	0002	0004	0006	0007	0003	0002	0009	0008	0007	0009	0008	0009	0007	0007	0008	0000	0004	0004	0004	0003	0005			
Salivary Glands Infiltration Cellular, Lymphocyte	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	18	1.2	
Stomach, Forestomach Epithelium, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	1	1.0	
Stomach, Glandular	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	23			
CARDIOVASCULAR SYSTEM																													
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
ENDOCRINE SYSTEM																													
Adrenal Cortex Accessory Adrenal Cortical Nodule Subcapsular, Hyperplasia	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25	1	13 1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		
Islets, Pancreatic Hyperplasia	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	24	13	1.5
Parathyroid Gland	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	23		
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	24		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	25		

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
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 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE Vehicle	DAY ON TEST																								* TOTALS
	01	02	03	02	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	
ANIMAL ID	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	2	3	9	3	3	3	2	3	3	3	3	3	3	2	3	3	3	3	3	2	3	3	3	
	0	1	1	3	4	0	1	4	5	3	5	7	7	2	2	9	7	0	4	4	4	4	9	4	5

Ectopic Thymus

X

X

2

GENERAL BODY SYSTEM

Tissue NOS

+

1

GENITAL SYSTEM

Epididymis

+ 25

Preputial Gland
 Inflammation, Chronic Active
 Acinus, Degeneration
 Duct, Ectasia

+ 25
 2
 3 4 4
 3 3 3.3

Prostate

+ 25

Seminal Vesicle

+ 25

Testes

+ 25

HEMATOPOIETIC SYSTEM

Bone Marrow
 Hyperplasia

A + + + + + + A + + + + + + + + + + + + + + + + + 23
 2 4 4 3 3.3

Lymph Node
 Mediastinal, Hyperplasia, Lymphoid

+ 2
 1 1 1.0

Lymph Node, Mandibular

+ 25

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AZT+3TC combination
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Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
Vehicle | DAY ON TEST | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|--|
| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | |
| ANIMAL ID | 0006 | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|----|---|-----|
| Hyperplasia, Lymphoid | | | | | | | | | | | 1 | | | | | | | | | | | 2 | 2 | 1.5 | | | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | 24 | 9 | 2.0 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | 7 | 2.7 |
| Thymus
Atrophy
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | 2 | 3.5 |
| | 2 | | | | | | | | | | | | 4 | | | | | | | | | | | | 3 | 3 | 2.5 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | + | M | M | M | M | M | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Bone | + | | | | | | | | | | | | + | | | | | | | | | | | | 3 | | |
| Bone, Femur
Fibro-Osseous Lesion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | 1 | 4.0 |
| Skeletal Muscle | + | | | | | | | | | | | | | | + | | | | | | 3 | | | | | | |

NERVOUS SYSTEM

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| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------------|
| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
| Vehicle | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0006 | 0002 | 0008 | 0003 | 0001 | 0005 | 0007 | 0004 | 0006 | 0007 | 0008 | 0003 | 0002 | 0009 | 0005 | 0007 | 0004 | 0006 | 0007 | 0008 | 0003 | 0002 | 0009 | 0005 | 0007 | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Brain, Cerebrum Mineralization | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | 25
2 1.0 |
| Peripheral Nerve | | + | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord, Cervical | | + | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord, Lumbar | | + | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Spinal Cord, Thoracic Compression | | + | | | | | | | | | | | | | | | | | | | | | | | | 1
4 1 4.0 |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | A | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | 22 |
| Harderian Gland Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | 1 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25
1 1.0 |

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| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|
| | 01 | 02 | 03 | 02 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| Vehicle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| ANIMAL ID | 0006 | 0002 | 0008 | 0003 | 0001 | 0005 | 0007 | 0004 | 0006 | 0007 | 0008 | 0002 | 0009 | 0003 | 0007 | 0009 | 0001 | 0008 | 0004 | 0007 | 0009 | 0003 | 0005 | 0001 | 0000 | 25 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Casts Protein | | | | | | 1 | | | | | | | | | 1 | | | | | | | | | | 1 | 3 1.0 |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | 2 | | | | 1 2.0 |
| Infiltration Cellular, Lymphocyte | | | 2 | | 1 | | | | | 1 | 1 | | | | 1 | | | 1 | 1 | | 1 | | | | 8 1.1 | |
| Nephropathy | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 1.0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | 2 1.0 | |
| Lumen, Dilatation | | 4 | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |

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|-------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | | | | | | | | | | | | | | | | | | | | |
| AZT 60 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 24 |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 24 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------|---------------------|---------------|--------|
| Esophagus | + + A + | | | | | | | | | | | | | | | | | | | | 24 | | |
| Gallbladder | + + A + + + + A + M + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 21 | | |
| Intestine Large, Cecum | + + A + + + + A + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 22 | | |
| Intestine Large, Colon | + + A + + + + A + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 22 | | |
| Intestine Large, Rectum | + + A + + + + A + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 22 | | |
| Intestine Small, Duodenum | + + A + + + + A + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 22 | | |
| Intestine Small, Ileum | + + A + + + + A + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 22 | | |
| Intestine Small, Jejunum | + + A + + + + A + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 22 | | |
| Liver | + + A + | | | | | | | | | | | | | | | | | | | | 24 | | |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | 1 | 1 1.0 | | |
| Vacuolization Cytoplasmic | | | | | | | | | | | | | | | | | | | | 3 2 4 2 | 3 2 2 3 3 2 3 | 3 2 3 1 2 3 2 | 18 2.5 |
| Centrilobular, Degeneration | | | | | | | | | | | | | | | | | | | | 3 2 4 2 | 2 3 2 2 3 2 3 | 1 3 2 3 2 | 16 2.4 |
| Pancreas | + + A + + + + + + + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 23 | | |
| Cyst | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | | |
| Salivary Glands | + + A + + + + + + + + + + + + + + + + + A + + + + + | | | | | | | | | | | | | | | | | | | | 23 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | 1 1 | 1 1 1 1 1 2 1 1 1 1 | 12 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
AZT 60 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | |
|---|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|--------------|-----------------------|--|
| | 0190 | 0254 | 0306 | 0334 | 0334 | 0330 | 0330 | 0399 | 0336 | 0335 | 0335 | 0333 | 0333 | 0333 | 0333 | 0336 | 0336 | 0328 | 0338 | 0344 | 0355 | 0333 | 0334 | | 0333 | 0332 | |
| ANIMAL ID | 0001 | 0001 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | | |
| Stomach, Forestomach
Hyperkeratosis | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 23
1 3.0 | |
| Stomach, Glandular | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 22 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Hypertrophy
Subcapsular, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24
1 4.0
12 1.0 | |
| Adrenal Medulla | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 23 | | |
| Islets, Pancreatic
Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24
10 1.7 | | |
| Parathyroid Gland | + | + | A | + | + | + | M | + | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | 21 | | |
| Pituitary Gland | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | 22 | | |
| Thyroid Gland | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 23 | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
AZT 60 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 23 |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 1 |
| | 01 | 01 | 02 | 03 | 03 | 05 | 06 | 08 | 08 | 02 | 03 | 04 | 05 | 08 | 08 | 08 | 08 | 09 | 00 | 02 | 02 | 03 | 04 | 05 | 3 |
| | 06 | 06 | 06 | 03 | 04 | 09 | 00 | 08 | 02 | 03 | 04 | 05 | 08 | 08 | 08 | 08 | 09 | 00 | 02 | 02 | 03 | 04 | 05 | 06 | 3 |

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|----|
| Epididymis | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 23 | |
| Exfoliated Germ Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 24 | |
| Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Duct, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | 2 3.0 | |
| Prostate | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 23 | |
| Seminal Vesicle | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 23 | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 24 |
| Seminiferous Tubule, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 24 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 3 3.3 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Lymph Node, Mandibular | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 23 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 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 - 03
 Test Type: 26-39 WEEKS

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010

Time Report Requested: 12:30:53

First Dose M/F: 12/22/06 / NA

Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
AZT 60 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | |
| | 1 | 1 | 2 | 3 | 3 | 5 | 6 | 8 | 0 | 0 | 0 | 5 | 5 | 8 | 8 | 9 | 0 | 2 | 2 | 2 | 3 | 3 | 23 | |
| | 0 | 6 | 6 | 3 | 4 | 9 | 0 | 8 | 2 | 3 | 4 | 4 | 4 | 8 | 8 | 6 | 1 | 7 | 6 | 3 | 9 | 3 | 23 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|-----|
| Lymph Node, Mesenteric Congestion | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 23 | 1 | 4.0 |
| Hyperplasia, Lymphoid | 1 | | | | | | 1 | | | | | | | | | | | 1 | 3 | | | | | | 2 | 5 | 1.6 |
| Spleen | + | + | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 23 | | |
| Hematopoietic Cell Proliferation | | 3 | 4 | 2 | 2 | 2 | | 2 | 2 | | 2 | 2 | | 2 | | | 3 | | 3 | | | | | | | 11 | 2.5 |
| Hyperplasia, Lymphoid | | | | | 2 | 2 | 3 | | 3 | | 2 | 2 | 2 | 2 | 3 | | 2 | | 2 | | | 2 | | 2 | 3 | 14 | 2.3 |
| Thymus | + | + | A | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | + | 22 | | |
| Atrophy | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 1 | 2.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|--|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | |
| Cyst | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |
| Granuloma | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 | |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|--|--|
| Bone | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |

NERVOUS SYSTEM

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
AZT 60 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------------|--|
| | 0190 | 0254 | 0356 | 0334 | 0334 | 0330 | 0330 | 0329 | 0336 | 0335 | 0335 | 0333 | 0333 | 0336 | 0336 | 0328 | 0332 | 0334 | 0335 | 0333 | 0334 | 0330 | 0333 | | | |
| ANIMAL ID | 00010 | 00011 | 00012 | 00013 | 00014 | 00015 | 00016 | 00017 | 00018 | 00019 | 00020 | 00021 | 00022 | 00023 | 00024 | 00025 | 00026 | 00027 | 00028 | 00029 | 00030 | 00031 | 00032 | 00033 | | |
| Brain, Brain Stem | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | | |
| Brain, Cerebellum Hemorrhage | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24
1 2.0 | | |
| Brain, Cerebrum Mineralization | + | + | A | + | + | + | + | + | + | 1 | + | + | + | 1 | + | + | + | + | + | + | + | + | 1 | 24
3 1.0 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 24
1 3.0 | |
| Lung Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 3.0 | | |
| Lung Mineralization | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | |
| Trachea | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 23 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye Inflammation, Chronic Active | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 22
1 3.0 | |
| Eye Cornea, Ulcer | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 | |
| Harderian Gland | + | + | A | + | + | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 22 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | | |

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
AZT 60 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | 0190 | 0254 | 0356 | 0334 | 0334 | 0330 | 0330 | 0329 | 0336 | 0335 | 0335 | 0333 | 0333 | 0333 | 0333 | 0336 | 0336 | 0328 | 0332 | 0331 | 0333 | 0334 | 0330 | 0333 | |
| ANIMAL ID | 00010 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | 00000 | |
| Casts Protein | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | 2 | | 2 | 3 | | | 2 | 1 | | | | | | | | 1 | | | 1 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | 1 | | | | | | | | | | | | | | | 1 | | | |
| Nephropathy | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | 24 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| 3TC 37.5 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 08 | 04 | 01 | 00 | 01 | 09 | 09 | 06 | 03 | 09 | 00 | 05 | 06 | 06 | 01 | 02 | 04 | 05 | 02 | 03 | 03 | 04 | 05 | 06 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Intestine Large, Cecum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Intestine Large, Rectum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 23 | |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 23 | |
| Intestine Small, Ileum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Intestine Small, Jejunum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 23 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Basophilic Focus | | | | | | | | | | | | | | X | | | | | | | | | | | 1 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | 3 | | | | | | | | | | | | 1 3.0 | |
| Mixed Cell Focus | | X | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Necrosis | | | | | | | | | | | | | 4 | | | | | | | | | | | | 1 4.0 | |
| Vacuolization Cytoplasmic | | 2 | 3 | 1 | | 3 | 2 | | 3 | 2 | 2 | | 2 | 2 | 4 | 2 | 2 | 3 | 2 | 2 | | 3 | 2 | 3 | 2 | 20 2.4 |
| Centrilobular, Degeneration | | 2 | 3 | | | 3 | 2 | | 3 | 2 | 2 | | 2 | | 4 | 2 | 2 | 3 | 2 | 2 | | 3 | 2 | 3 | 1 | 18 2.4 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | 4 | | | | 1 4.0 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------------------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------|---------------|----------|
| | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| Infiltration Cellular, Lymphocyte | | | 1 | 1 | | 1 | | 2 | | 1 | | | | 1 | 1 | 1 | 2 | 1 | | 1 | 1 | 2 | | 13 1.2 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 24 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Subcapsular, Hyperplasia | | 1 | 1 | 1 | | 1 | | | | 1 | 1 | 1 | 1 | | 1 | | 1 | | 1 | | 1 | | 13 1.0 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Hyperplasia | | 2 | 2 | 1 | | 1 | | 1 | 2 | 1 | 2 | 4 | 1 | | 3 | | 1 | | 1 | | 2 | | 15 1.7 | | |
| Parathyroid Gland | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | | |
| Cyst | | | | | | | | | | | | | | | | 1 | | | | | | | 1 1.0 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Ectopic Thymus | | | | | | | | | | | | | | | | | | | | X | | | | 1 | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| | 00 | 02 | 07 | 09 | 09 | 09 | 06 | 09 | 06 | 09 | 00 | 05 | 06 | 06 | 07 | 07 | 03 | 03 | 03 | 03 | 03 | 05 | 07 | 05 | 06 | |

Tissue NOS + 1
 Abdominal, Fat, Necrosis 4 1 4.0

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|-------|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | |
| Infiltration Cellular, Lymphocyte Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | 2 | | | 1 2.0 | | |
| Duct, Ectasia | | | 3 | | | | | | | | | 3 | 3 | | | | | | | | | | | | | 3 3.0 | | |
| | | | | | | | | | | | | 3 | 4 | | | | | | | | | | | | | 2 3.5 | | |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | |
| Infiltration Cellular, Lymphocyte Inflammation, Suppurative | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 3.0 | | |
| | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 1 3.0 | | |
| Seminal Vesicle | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | + | 24 |
| Seminiferous Tubule, Degeneration | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | 1 4.0 | |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Bone Marrow | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Hyperplasia | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | 1 3.0 |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | 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
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|---|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|----------|--|
| | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | |
| 3TC 37.5 | 06 | 04 | 07 | 06 | 04 | 04 | 04 | 04 | 03 | 03 | 04 | 04 | 03 | 03 | 02 | 02 | 04 | 05 | 03 | 03 | 04 | 02 | 03 | 03 | 02 | | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | |
| | | 2 | 1 | 2 | | | 2 | | | 2 | | | | 1 | 2 | 2 | 1 | 1 | | 2 | | 2 | | | 12 1.7 | | |
| | | | | | | | 3 | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | | | |
| | | 2 | | | | | | | | | | 4 | | | 3 | | | | | 4 | | | | | 4 3.3 | | |
| | | 2 | 2 | 3 | 2 | | 2 | 2 | | 2 | | | 3 | 2 | 2 | | | | 2 | 2 | | 2 | 2 | 1 | 2 | 16 2.1 | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 24 | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Skeletal Muscle | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| NERVOUS SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Brain, Cerebellum
Compression | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 | |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
3TC 37.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|----------|
| | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| Brain, Cerebrum Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| | | 1 | | | | | | | | 1 | | | | | | | | | | | | 1 | | | 4 1.0 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung Infiltration Cellular, Histiocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Nose Hyaline Droplet | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | + | + | 23 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney Casts Protein | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| | | | | | 1 | | 1 | | | 1 | | 1 | | | | | | | | | 1 | | | | 6 1.0 | |
| Kidney Hydronephrosis | 2 | | | | 1 | | 1 | | | | | | | | 3 | 1 | | | 1 | 1 | | | | | 7 1.4 | |
| Kidney Infiltration Cellular, Lymphocyte | | | | 1 | 1 | | 1 | 1 | | 1 | | | | | | | 1 | 2 | | 1 | 1 | | 1 | | 10 1.1 | |
| Kidney Metaplasia, Osseous | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 1.0 | |
| Kidney Nephropathy | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 | 2 1.0 | |
| Kidney Renal Tubule, Regeneration | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 1.0 | |
| Kidney Transitional Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | 2 | 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
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
NVP 10.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 5 | 2 | 5 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | |
| 0 | 1 | 1 | 2 | 3 | 6 | 6 | 8 | 0 | 0 | 0 | 4 | 5 | 7 | 7 | 1 | 1 | 6 | 7 | 7 | 0 | 1 | 7 | 7 | 8 | |
| 2 | 5 | 9 | 1 | 2 | 6 | 3 | 4 | 0 | 7 | 0 | 8 | 9 | 2 | 7 | 3 | 4 | 2 | 3 | 3 | 6 | 7 | 9 | 7 | 7 | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Esophagus | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Gallbladder | A | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Cecum | A | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Colon | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Large, Rectum | A | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Duodenum | A | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Ileum | A | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Intestine Small, Jejunum | A | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Liver | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Basophilic Focus | | | | | | | X | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tension Lipidosis | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| Vacuolization Cytoplasmic | | | | | | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 |
| Centrilobular, Degeneration | | | | | | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | | 2 | | 2 | 2 | |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pancreas | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Salivary Glands | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

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

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
NVP 10.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) | |
|--|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|--------------------|--|
| | 0053 | 0029 | 0027 | 0011 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | 0033 | | | |
| Infiltration Cellular, Lymphocyte | | | | | 1 | 1 | 2 | 2 | 1 | 1 | | 1 | 1 | 1 | | 1 | 1 | | 1 | 1 | 2 | 2 | 1 | 1 | 1 | | |
| Stomach, Forestomach | A | + | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Stomach, Glandular | A | A | A | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Heart | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex
Subcapsular, Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Adrenal Medulla | + | M | A | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | | | |
| Islets, Pancreatic
Hyperplasia | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Parathyroid Gland | M | M | M | + | M | M | M | + | + | + | + | + | + | + | M | + | M | + | + | + | + | + | + | + | | | |
| Pituitary Gland | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | |
| Thyroid Gland | + | + | M | + | M | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | | | |
| GENERAL BODY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tissue NOS | + | | + | + | | | | | | | | | | | | | | | | | | | | | | | |

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

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

Abscess 4

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Epididymis | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Preputial Gland | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | 2 | | 2 | | 2 | | | |
| Duct, Ectasia | | | | | | | | | | | | | | | | | 2 | | 2 | | 2 | | 2 | |
| Prostate | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminal Vesicle | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Testes | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Seminiferous Tubule, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | 2 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia | 4 | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| Lymph Node | | | A | | | | | | | | | | | | | | | | | | | | | | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| Lymph Node, Mandibular | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| Lymph Node, Mesenteric | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | 2 | 3 | 2 | 2 | | 2 | 2 | | 3 | 2 | | 2 | 3 | | | | | | |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST
C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
NVP 10.5 | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | males
(cont...) |
|--|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 3 | 9 | 7 | 1 | 4 | 4 | 4 | 6 | 6 | 6 | 5 | 4 | 1 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | | |
| | 0 | 1 | 1 | 2 | 3 | 6 | 6 | 8 | 0 | 0 | 4 | 5 | 7 | 7 | 1 | 1 | 6 | 7 | 7 | 0 | 1 | 7 | 7 | | |
| | 2 | 5 | 9 | 1 | 6 | 3 | 4 | 0 | 7 | 8 | 9 | 2 | 7 | 3 | 4 | 2 | 3 | 6 | 7 | 9 | 0 | 1 | 8 | | |

Infiltration Cellular, Plasma Cell

3

Spleen
 Hematopoietic Cell Proliferation
 Hyperplasia, Lymphoid

+ + A +
 4 3 3 2
 2 2 3 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2 2 3 2

Thymus
 Atrophy
 Hyperplasia, Lymphoid

A + A M +
 4
 2

INTEGUMENTARY SYSTEM

Mammary Gland

M M A M M M M M M M M M M M M M M M M M M + M M M

Skin

+ + A +

MUSCULOSKELETAL SYSTEM

Bone

+

Bone, Femur

+ + A +

NERVOUS SYSTEM

Brain, Brain Stem

+ + A +

Brain, Cerebellum

+ + A +

Brain, Cerebrum
 Mineralization

+ + A +
 1 1 1

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

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

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
NVP 10.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | males
(cont...) |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|--------------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 2 | 2 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | |
| | 5 | 2 | 5 | 9 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | |
| | 3 | 9 | 7 | 1 | 4 | 4 | 4 | 6 | 6 | 6 | 5 | 4 | 1 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 0 | |
| | 0 | 1 | 1 | 2 | 3 | 6 | 6 | 6 | 8 | 0 | 0 | 4 | 5 | 7 | 7 | 1 | 1 | 6 | 7 | 7 | 0 | 1 | 7 | 7 | 8 | | |
| | 2 | 5 | 9 | 1 | 6 | 3 | 4 | 8 | 7 | 0 | 9 | 2 | 7 | 3 | 4 | 2 | 3 | 3 | 6 | 7 | 9 | 0 | 7 | 1 | 7 | | |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lung | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Inflammation, Chronic | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Nose | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

SPECIAL SENSES SYSTEM

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

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Kidney | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | | |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Urinary Bladder | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | | | | | | |
| Infiltration Cellular, Histiocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lumen, Dilatation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 BLANK .. Not examined microscopically
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 2) Mild 4) Marked

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010

Time Report Requested: 12:30:53

First Dose M/F: 12/22/06 / NA

Lab: NCTR

| | | | |
|---|-------------|--------|-----------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
 MICE MALE
 NVP 10.5 | DAY ON TEST | 0 | |
| | | 3 | |
| | | 3 | |
| | | 4 | |
| | ANIMAL ID | 0 | |
| | | 0 | |
| | | 3 | |
| | | 8
8 | |
| | | | * TOTALS |

ALIMENTARY SYSTEM

| | | |
|-----------------------------------|---|--------|
| Esophagus | + | 25 |
| Gallbladder | + | 22 |
| Intestine Large, Cecum | + | 22 |
| Intestine Large, Colon | + | 23 |
| Intestine Large, Rectum | + | 22 |
| Intestine Small, Duodenum | + | 22 |
| Intestine Small, Ileum | + | 22 |
| Intestine Small, Jejunum | + | 22 |
| Liver | + | 25 |
| Basophilic Focus | | 1 |
| Infiltration Cellular, Lymphocyte | 1 | 1 1.0 |
| Tension Lipidosis | | 1 2.0 |
| Vacuolization Cytoplasmic | | 20 2.3 |
| Centrilobular, Degeneration | | 17 2.4 |
| Mesentery | | 1 |
| Pancreas | + | 25 |
| Salivary Glands | + | 25 |

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 I .. Insufficient tissue
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 2) Mild 4) Marked

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS

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

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AZT+3TC combination
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Lab: NCTR

| DAY ON TEST | | | |
|---|---|--|-----------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
NVP 10.5 | 0 | | |
| | 3 | | |
| | 3 | | |
| | 4 | | |
| ANIMAL ID | | | |
| | 0 | | |
| | 0 | | |
| | 3 | | |
| | 8 | | |
| | 8 | | |
| | | | * TOTALS |
| Infiltration Cellular, Lymphocyte | | | 18 1.2 |
| Stomach, Forestomach | + | | 23 |
| Stomach, Glandular | + | | 22 |
| CARDIOVASCULAR SYSTEM | | | |
| Blood Vessel | + | | 25 |
| Heart | + | | 25 |
| ENDOCRINE SYSTEM | | | |
| Adrenal Cortex | + | | 25 |
| Subcapsular, Hyperplasia | | | 7 1.0 |
| Adrenal Medulla | + | | 23 |
| Islets, Pancreatic | + | | 25 |
| Hyperplasia | | | 10 1.3 |
| Parathyroid Gland | + | | 18 |
| Pituitary Gland | + | | 25 |
| Thyroid Gland | + | | 23 |
| GENERAL BODY SYSTEM | | | |
| Tissue NOS | | | 3 |

* .. 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
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010

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Lab: NCTR

| | | | |
|---|-------------|---|-----------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
 MICE MALE
 NVP 10.5 | DAY ON TEST | 0 | |
| | | 3 | |
| | | 3 | |
| | | 4 | |
| | ANIMAL ID | 0 | |
| | | 0 | |
| | | 3 | |
| | | 8 | |
| | | 8 | |
| | | | * TOTALS |

Abscess 1 4.0

GENITAL SYSTEM

| | | | |
|-----------------------------------|---|----|-------|
| Epididymis | + | 25 | |
| Preputial Gland | + | 25 | |
| Acinus, Degeneration | | | 3 2.0 |
| Duct, Ectasia | | | 4 2.0 |
| Prostate | + | 25 | |
| Seminal Vesicle | + | 25 | |
| Testes | + | 25 | |
| Seminiferous Tubule, Degeneration | 2 | | 2 2.0 |

HEMATOPOIETIC SYSTEM

| | | | |
|------------------------------------|---|----|--------|
| Bone Marrow | + | 25 | |
| Hyperplasia | | | 2 3.0 |
| Lymph Node | | 1 | |
| Mediastinal, Hyperplasia, Lymphoid | | | 1 4.0 |
| Lymph Node, Mandibular | + | 25 | |
| Hyperplasia, Lymphoid | | | 2 1.0 |
| Lymph Node, Mesenteric | + | 25 | |
| Hyperplasia, Lymphoid | 3 | | 11 2.4 |

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TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010

Time Report Requested: 12:30:53

First Dose M/F: 12/22/06 / NA

Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
NVP 10.5 | DAY ON TEST | ANIMAL ID | | |
|--|------------------|-----------|-----------------------|-----|
| | 0
3
3
4 | | 0
0
3
8
8 | |
| | | | * TOTALS | |
| Infiltration Cellular, Plasma Cell | 3 | | 2 | 3.0 |
| Spleen | + | | 25 | |
| Hematopoietic Cell Proliferation | 2 | | 5 | 2.8 |
| Hyperplasia, Lymphoid | 2 | | 18 | 2.3 |
| Thymus | + | | 23 | |
| Atrophy | | | 1 | 4.0 |
| Hyperplasia, Lymphoid | | | 1 | 2.0 |
| INTEGUMENTARY SYSTEM | | | | |
| Mammary Gland | M | | 1 | |
| Skin | + | | 25 | |
| MUSCULOSKELETAL SYSTEM | | | | |
| Bone | | | 1 | |
| Bone, Femur | + | | 25 | |
| NERVOUS SYSTEM | | | | |
| Brain, Brain Stem | + | | 25 | |
| Brain, Cerebellum | + | | 25 | |
| Brain, Cerebrum | + | | 25 | |
| Mineralization | | | 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

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

TDMS No. 20310 - 03

Test Type: 26-39 WEEKS

Route: GAVAGE

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT+3TC combination

CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010

Time Report Requested: 12:30:53

First Dose M/F: 12/22/06 / NA

Lab: NCTR

| | | | |
|---|-------------|---|-----------------|
| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
NVP 10.5 | DAY ON TEST | 0 | |
| | | 3 | |
| | | 3 | |
| | | 4 | |
| | ANIMAL ID | 0 | |
| | | 0 | |
| | | 3 | |
| | | 8 | |
| | | 8 | |
| | | | * TOTALS |

RESPIRATORY SYSTEM

| | | | |
|----------------------------------|---|----|-------|
| Lung | + | 25 | |
| Inflammation, Chronic | | | 1 3.0 |
| Mineralization | | | 1 2.0 |
| Alveolar Epithelium, Hyperplasia | | | 1 3.0 |
| Nose | + | 25 | |
| Trachea | + | 25 | |

SPECIAL SENSES SYSTEM

| | | | |
|-----------------|---|----|--|
| Eye | + | 23 | |
| Harderian Gland | + | 25 | |

URINARY SYSTEM

| | | | |
|-----------------------------------|---|----|-------|
| Kidney | + | 25 | |
| Casts Protein | | | 7 1.1 |
| Hemorrhage | | | 1 4.0 |
| Hydronephrosis | | | 5 1.6 |
| Infiltration Cellular, Lymphocyte | 1 | | 6 1.0 |
| Urinary Bladder | + | 25 | |
| Infiltration Cellular, Histiocyte | | | 1 4.0 |
| Infiltration Cellular, Lymphocyte | | | 2 1.0 |
| Lumen, Dilatation | | | 1 4.0 |

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

+ .. Tissue examined microscopically

X .. Lesion present

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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 01 | 03 | 03 | 03 | 02 | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| AZT 60 3TC 37.5 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 11 | 44 | 44 | 66 | 66 | 88 | 33 | 44 | 55 | 55 | 77 | 77 | 66 | 66 | 77 | 88 | 88 | 11 | 55 | 77 | 88 | 99 | 99 | | |
| | 11 | 11 | 22 | 88 | 99 | 55 | 44 | 33 | 55 | 99 | 00 | 11 | 22 | 77 | 88 | 55 | 66 | 11 | 00 | 11 | 22 | 88 | 77 | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Basophilic Focus | | | | | | X | | | | | | | | | | | | | | | | | | | 1 |
| Inflammation, Chronic Active | | | 1 | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Mixed Cell Focus | | | X | | | | | | | | | | | | | | | | | | | | | | 1 |
| Tension Lipidosis | | | | | | | | | | 2 | | | | | | | | | | | | | | | 1 2.0 |
| Vacuolization Cytoplasmic | | 2 | 2 | 3 | | | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 3 | 2 | 2 | 3 | 4 | 21 2.3 |
| Centrilobular, Degeneration | | | | 3 | | | | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 4 | 3 | | 2 | 3 | 4 | 17 2.4 |
| Mesentery | | + | | | | | | | | | | | | | | | | | | | | | | | 2 |
| Inflammation, Chronic Active | | 4 | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Fat, Necrosis | | 4 | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 01 | 03 | 03 | 03 | 02 | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 01 | 03 | 03 | 03 | 01 | 07 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | | |
| | 03 | 04 | 04 | 04 | 07 | 00 | 05 | 05 | 05 | 05 | 01 | 01 | 04 | 04 | 00 | 00 | 02 | 05 | 05 | 03 | 02 | 05 | 04 | 01 | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | |
| | 00 | 00 | 00 | 00 | 00 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | 02 | 03 | 03 | 03 | | |
| | 01 | 04 | 04 | 06 | 06 | 08 | 03 | 03 | 04 | 05 | 05 | 05 | 07 | 06 | 06 | 07 | 08 | 08 | 08 | 08 | 05 | 07 | 08 | | |
| | 01 | 01 | 02 | 08 | 09 | 05 | 04 | 05 | 09 | 00 | 01 | 02 | 07 | 08 | 05 | 06 | 01 | 00 | 01 | 02 | 08 | 04 | 07 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|-----|
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | | | |
| Hemorrhage | | | | | | 3 | | | | | | | | | | | | | | | | | | | 1 | 3.0 | | |
| Infiltration Cellular, Lymphocyte | | | | | | 2 | | | | | | | | | | | | | | | | | | | | 1 | 2.0 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | | | |
| Infiltration Cellular, Lymphocyte | | | | | | | 2 | | | | | | 1 | 1 | 1 | 1 | 1 | | 1 | | 1 | | | | 2 | 11 | 1.2 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | | | |
| Ulcer | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Epithelium, Hyperplasia | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | | | |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|----|-----|
| Adrenal Cortex | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 23 | | | |
| Cyst | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |
| Subcapsular, Hyperplasia | | | 1 | 1 | | | | | 1 | | | 1 | 1 | 1 | | | 1 | 2 | 1 | | 1 | | | | 1 | | 11 | 1.1 |
| Adrenal Medulla | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | M | + | A | + | 21 | | | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | | | |
| Hyperplasia | | | | 3 | | | 1 | 3 | 2 | | 1 | | | 1 | 1 | | 1 | 2 | 2 | 1 | | 1 | 2 | | 1 | | 14 | 1.6 |

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
AZT 60 3TC 37.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 01 | 03 | 03 | 03 | 02 | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 01 | 03 | 03 | 03 | 01 | 07 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | 03 | 03 | 03 | 03 | |
| | 01 | 04 | 04 | 06 | 08 | 08 | 03 | 04 | 05 | 05 | 07 | 07 | 06 | 06 | 07 | 08 | 08 | 08 | 08 | 08 | 05 | 07 | 08 | 09 | |
| | 01 | 01 | 02 | 08 | 09 | 05 | 04 | 05 | 09 | 00 | 01 | 02 | 07 | 08 | 05 | 06 | 01 | 00 | 01 | 02 | 08 | 04 | 07 | 09 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|
| Parathyroid Gland | + | + | + | + | + | + | M | M | M | + | + | + | + | M | + | + | M | + | + | + | + | + | + | A | + | 19 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Thyroid Gland | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 23 |

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Duct, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 2.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 2.0 |
| Lymph Node | + | | | | | | + | | | | | | | | | | | | | | | | | | | | 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 - 03
 Test Type: 26-39 WEEKS

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010

Time Report Requested: 12:30:53

First Dose M/F: 12/22/06 / NA

Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-----------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 01 | 03 | 03 | 03 | 02 | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| AZT 60 3TC 37.5 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | |
| | 01 | 04 | 04 | 06 | 08 | 03 | 03 | 04 | 05 | 05 | 07 | 07 | 08 | 05 | 06 | 07 | 08 | 01 | 00 | 01 | 02 | 08 | 09 | 07 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Lymph Node, Mandibular Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | 2 | 2.0 |
| Lymph Node, Mesenteric Hyperplasia, Lymphoid Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | 11 | 1.9 |
| Spleen Congestion | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | 1 | 3.0 |
| Hematopoietic Cell Proliferation | | 3 | | 3 | 2 | | | 2 | 2 | | 2 | 2 | | 2 | | | 3 | 2 | 3 | | 2 | | | | 11 | 2.4 | |
| Hyperplasia, Lymphoid | | | 2 | 2 | 2 | | | 2 | 2 | 4 | | | 2 | 4 | 3 | 3 | 2 | | 3 | | 2 | | | | 14 | 2.5 | |
| Thymus Atrophy | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | 22 | 1 | 2.0 |
| Hyperplasia, Lymphoid | | | | | | | | | | | | 2 | | | | | | | | | | | | | 3 | 2.0 | |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | + | M | M | M | M | M | M | M | M | M | M | M | 1 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Brain, Brain Stem | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | * TOTALS | |
|-----------------------------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|-------|
| | 01 | 03 | 03 | 03 | 02 | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | | | 03 |
| AZT 60 3TC 37.5 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | |
| | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | | |
| | 01 | 04 | 04 | 06 | 08 | 03 | 04 | 05 | 05 | 07 | 07 | 08 | 05 | 06 | 07 | 08 | 08 | 08 | 08 | 08 | 05 | 09 | 08 | 07 | 09 | | |
| | 01 | 01 | 02 | 08 | 09 | 05 | 04 | 05 | 09 | 00 | 01 | 02 | 07 | 08 | 05 | 06 | 01 | 00 | 01 | 02 | 08 | 04 | 07 | 00 | 07 | | |
| Brain, Cerebellum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | | |
| Brain, Cerebrum Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | | |
| | | | | | | | | 1 | | | | | | | | | | | | | | 1 | | | 2 1.0 | | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung Hemorrhage | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | |
| | | | | | | 4 | | | | | | | | | | | | | | | | | | | | 1 4.0 | |
| Nose Hyaline Droplet | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| | | | | | | | | 2 | | | | | | | | | | | 1 | | | | | | | 2 1.5 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney Casts Protein | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | |
| | | | 1 | | | | | | | | | | | | 1 | | 1 | | 1 | | 1 | 1 | | | 1 | 8 1.0 | |
| Hydronephrosis | | | | 2 | | | 2 | | | | | | | | 1 | | | | 2 | | | 1 | 1 | 1 | 1 | 2 | 9 1.4 |
| Infiltration Cellular, Lymphocyte | | | | 1 | | | | | | | | | | | | | | | | | | | 1 | | | 2 1.0 | |
| Metaplasia, Osseous | | | | | | | | | | | | | | 1 | | | | | | | | | | | | 1 1.0 | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | A | + | 24 | |

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Gallbladder | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |
| Intestine Large, Cecum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |
| Intestine Large, Colon | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |
| Intestine Large, Rectum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |
| Intestine Small, Duodenum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |
| Intestine Small, Ileum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |
| Intestine Small, Jejunum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Hematopoietic Cell Proliferation | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1.0 |
| Necrosis | | | | | | | | | | | | | | | | | | | | | | | | | | 1 4.0 |
| Tension Lipidosis | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 |
| Vacuolization Cytoplasmic | 2 | 2 | | | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 2 | 3 | 1 | 3 | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 21 2.1 |
| Centrilobular, Degeneration | 2 | 2 | | | 2 | 1 | 2 | 2 | 4 | 2 | 2 | 2 | 3 | | 2 | | | | | 2 | 2 | 2 | 2 | 2 | 1 | 20 2.1 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | * TOTALS | | |
|-----------------------------------|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|---------------|----|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| A20,3T12.5,NV3.5 | 0 | 0 | 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 | 0 | | |
| | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | | |
| | 3 | 3 | 1 | 1 | 5 | 5 | 5 | 5 | 4 | 9 | 9 | 2 | 2 | 1 | 8 | 3 | 2 | 2 | 1 | 9 | 5 | 1 | 4 | 4 | 2 | 3 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | | |
| | 3 | 3 | 5 | 5 | 7 | 7 | 9 | 9 | 3 | 9 | 9 | 1 | 1 | 2 | 4 | 1 | 1 | 1 | 3 | 3 | 5 | 7 | 7 | 7 | 9 | 0 | | | |
| | 0 | 1 | 0 | 7 | 7 | 8 | 8 | 9 | 9 | 1 | 2 | 5 | 6 | 2 | 7 | 1 | 2 | 3 | 6 | 7 | 3 | 4 | 5 | 6 | 1 | 0 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.0 | | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 1.6 | | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | | |
| Stomach, Glandular | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Mineralization | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 3.0 | | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Subcapsular, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 1.0 | | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 1.4 | | |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | M | + | + | 23 | | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
A20,3T12.5,NV3.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 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 | 5 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 9 | 1 | 2 | 5 | 6 | 7 | 1 | 2 | 3 | 6 | 7 | 3 | 4 | 5 | | |
| | 0 | 1 | 0 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 1 | 2 | 5 | 6 | 7 | 1 | 2 | 3 | 6 | 7 | 3 | 4 | 5 | 6 | | |

Thyroid Gland

+ 25

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Epididymis + 25

Preputial Gland + 25

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|--|--|--|--|--|--|---|---|-----|
| Cyst | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | 3.0 |
| Keratin Cyst | | | | | | | | | | | | | | | | | | | | | | | | | X | 1 | |
| Acinus, Degeneration | | | 2 | | | | | | | | | | | | | | 2 | 2 | | | | | | | 2 | 4 | 2.0 |
| Duct, Ectasia | | | | | | | | | | | | | | | | | 2 | 2 | | | | | | | 2 | 3 | 2.0 |

Prostate + 25

Seminal Vesicle + 25

Testes + 25

HEMATOPOIETIC SYSTEM

Bone Marrow + 25

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|
| Hyperplasia | | | | 3 | | | | | | | | | | | | | | | | | | | | | 4 | 2 | 3.5 |
|-------------|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|

Lymph Node + 3

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|
| Axillary, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 | 4.0 |
|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|-----|

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
A20,3T12.5,NV3.5 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Lumbar, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Mediastinal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Mediastinal, Infiltration Cellular, Plasma Cell | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| Renal, Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Infiltration Cellular, Plasma Cell | 2 | | | 1 | | | | | | | | | | | | | | | | | | | | | | 10 | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2.1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2.0 | |
| Spleen
Hematopoietic Cell Proliferation | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Hyperplasia, Lymphoid | 2 | | | 4 | 2 | | | | | | | | | | | | | | | | | | | | | 9 | |
| | | 2 | | | | 3 | | | | | | | | | | | | | | | | | | | | 2.4 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 2.2 | |
| Thymus
Atrophy | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 4.0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1.3 | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

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

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Brain, Brain Stem | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Brain, Cerebellum | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Brain, Cerebrum
Mineralization | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | 1 1.0 |

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Hemorrhage | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 3.0 |
| Alveolar Epithelium, Hyperplasia | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 1 4.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Hyaline Droplet | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 3 1.3 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |

SPECIAL SENSES SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Eye | + | + | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Harderian Gland
Infiltration Cellular, Lymphocyte | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | 1 1.0 |

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|-------|
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 | |
| Casts Protein | | | | | | | | | | | | | | | | | | | | | | | | | | 1 1 1 1 | 7 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 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 | |
| MICE MALE | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | |
| A20,3T12.5,NV3.5 | 3 | 3 | 1 | 1 | 5 | 5 | 5 | 5 | 4 | 9 | 9 | 2 | 2 | 1 | 8 | 3 | 2 | 2 | 1 | 9 | 5 | 1 | 4 | 4 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 3 | 3 | 5 | 5 | 7 | 7 | 9 | 9 | 3 | 9 | 9 | 1 | 1 | 2 | 4 | 1 | 1 | 1 | 3 | 3 | 5 | 7 | 7 | 9 | | |
| | 0 | 1 | 0 | 7 | 7 | 8 | 8 | 9 | 9 | 1 | 2 | 5 | 6 | 2 | 7 | 1 | 2 | 3 | 6 | 7 | 3 | 4 | 5 | 6 | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydronephrosis | | | | 1 | 1 | 2 | 2 | | | 1 | 1 | 1 | 1 | | | | | | 1 | 1 | | 1 | 1 | 2 | | 13 1.2 |
| Infiltration Cellular, Lymphocyte | | 1 | | 1 | | | | | | | 2 | | | | 1 | 1 | 2 | | 3 | | | 1 | | 1 | | 9 1.4 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 25 |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

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

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Basophilic Focus | | | | | | X | | X | | | | | | | | | | | | | | | | | 2 | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | | | | | 2 | | | | | | | | | 1 2.0 | |
| Inflammation, Suppurative | | | | | | | | | | | | | | | | | | 2 | | | | | | | 1 2.0 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 1.0 | |
| Necrosis | | | | | | | | | | | | | | | | | | 2 | | | | | | | 1 2.0 | |
| Tension Lipidosis | | | | | | | | | | | | | | 2 | | | | 2 | | | | | | | 2 2.0 | |
| Vacuolization Cytoplasmic | 2 | 4 | 2 | 2 | | | | 3 | 4 | 2 | | 2 | 2 | 3 | 2 | 1 | 2 | 2 | 3 | 3 | | | 2 | 2 | 2 | 19 2.4 |
| Centrilobular, Degeneration | 1 | 4 | 2 | 2 | | | | 3 | 4 | 2 | | 2 | 2 | 3 | 2 | | 2 | 2 | 2 | 3 | | | 2 | 1 | 2 | 18 2.3 |
| Mesentery | | | | | | | | + | | | | | | | | + | | | | | | | | | 2 | |
| Fat, Necrosis | | | | | | | | 4 | | | | | | | | 4 | | | | | | | | | 2 4.0 | |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

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

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |
| Acinus, Degeneration | | | | | | | | | | 3 | | | | | | | | | | | | | | 1 3.0 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |
| Infiltration Cellular, Lymphocyte | 2 | 1 | 1 | | | 1 | 1 | 1 | 2 | 1 | | 1 | 1 | | 1 | 2 | | 1 | 1 | | | 1 | 1 | 16 1.2 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |
| Hyperkeratosis | | | | | | | | | | | 2 | | | | | | | | | | | | | 1 2.0 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 2.0 |
| Subcapsular, Hyperplasia | 1 | 1 | | | | 1 | | 2 | | 1 | 1 | | | | 1 | 1 | 1 | | | | | 1 | 11 1.1 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |
| Islets, Pancreatic | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |
| Hyperplasia | | 1 | | 2 | | | 1 | 2 | | | 3 | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 | | | 1 | 13 1.3 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 |

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| C3B6F1-+/TRP53(TM1BRD) NCTR
MICE MALE
AZT40,3TC25,NVP7 | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|----------|---|-----|----|-----|----|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | | | | |
| ANIMAL ID | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | | | |
| | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 9 | 9 | 2 | 2 | 3 | 3 | 7 | 4 | 4 | 2 | 2 | 3 | 6 | 6 | 3 | 3 | 2 | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | | | | |
| | 8 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 9 | 9 | 0 | 1 | 3 | 3 | 4 | 8 | 8 | 0 | 2 | 2 | 2 | 4 | 7 | 8 | | | | | | | |
| | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 6 | 3 | 4 | 5 | 8 | 3 | 4 | 9 | 7 | 8 | 0 | 2 | 3 | 4 | 5 | 6 | 8 | | | | | | | |
| Hyperplasia | | | | | 4 | | | | 3 | | | | 2 | | | | 3 | | | | 4 | | | | 3.0 | | | | | | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Lymph Node, Mandibular
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | 4 | 1.5 | 1 | 2.0 | | |
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid
Infiltration Cellular, Plasma Cell
Infiltration Cellular, Polymorphonuclear | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | 5 | 2.0 | 1 | 4.0 | 1 | 2.0 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | 6 | 1.8 | 13 | 2.2 | | |
| Thymus
Hyperplasia, Lymphoid | + | + | + | + | + | + | M | + | + | + | + | M | + | + | + | + | M | + | + | + | + | + | + | + | + | 20 | 1 | 2.0 | | | | |
| INTEGUMENTARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| MUSCULOSKELETAL SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|------------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| C3B6F1-+/TRP53(TM1BRD) NCTR | 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 |
| MICE MALE | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 | 6 | 3 | 3 |
| AZT40,3TC25,NVP7 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 9 | 9 | 2 | 2 | 3 | 3 | 7 | 4 | 4 | 2 | 2 | 3 | 3 | 0 | 3 | 2 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 8 | 8 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 9 | 9 | 0 | 1 | 3 | 3 | 4 | 8 | 8 | 0 | 2 | 2 | 2 | 4 | 8 | |
| | 3 | 4 | 6 | 7 | 8 | 9 | 0 | 1 | 6 | 3 | 4 | 5 | 8 | 3 | 4 | 9 | 7 | 8 | 0 | 0 | 3 | 4 | 7 | 5 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyst | | | | | | | | | | 3 | | | | | | | | | | | | | | | |
| Hydronephrosis | 2 | | | | 1 | | | | 1 | | | | | | | 1 | | | 1 | | | | | | |
| Infarct | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Infiltration Cellular, Lymphocyte | 1 | 1 | 1 | | | | | 1 | | | | 1 | 1 | 1 | | 1 | | | 1 | | | | | | |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | | + | + | + | |
| Infiltration Cellular, Lymphocyte | | | | | | | | | | | | 1 | | | | | | | | | | | | 23 | |
| | | | | | | | | | | | | | | | | | | | | | | | | 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|-------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
| | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | |
| ANIMAL ID | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | 00 |
| | 00 | 00 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 03 | 03 | 03 | 04 | 04 | 04 |
| | 04 | 06 | 04 | 05 | 06 | 04 | 07 | 08 | 08 | 08 | 07 | 00 | 03 | 01 | 02 | 03 | 02 | 04 | 04 | 04 | 05 | 06 | 07 | 05 | 07 |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|--------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Gallbladder | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Large, Cecum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Large, Colon | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Large, Rectum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Small, Duodenum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Ectopic Pancreas | | | | | | X | | | | | | | | | | | | | | | | | | | 1 | |
| Intestine Small, Ileum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Intestine Small, Jejunum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Liver | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Basophilic Focus | | | | | X | | | | | | | | | | | | | X | | | | | | | 2 | |
| Inflammation, Chronic Active | | | | | | | | | | | | | | 2 | | | | | | | | | | | 1 2.0 | |
| Necrosis | | | | | | | | | | | | 4 | 2 | | | | | | | | | | | | 2 3.0 | |
| Tension Lipidosis | | | | | | | | | | | 1 | | | | | | | | | | | | | | 1 1.0 | |
| Vacuolization Cytoplasmic | | 3 | 2 | 4 | 2 | 4 | | 2 | 2 | 2 | | 2 | 2 | 2 | 3 | | 3 | 3 | 3 | 4 | | 3 | 3 | 2 | 4 | 20 2.8 |
| Centrilobular, Degeneration | | 3 | 3 | 4 | 2 | 4 | | 2 | 2 | | 2 | 2 | | 2 | 2 | | 3 | 3 | 3 | 4 | | 3 | 3 | 2 | 4 | 17 2.9 |
| Pancreas | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Salivary Glands | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
|-----------------------------------|---------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|----------|--|
| | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | | |
| ANIMAL ID | 00004 | 00006 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | 00001 | | |
| Infiltration Cellular, Lymphocyte | | | 2 | | 1 | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | | 2 | 1 | 2 | | | 2 | | 2 | 1 | | 1 | 16 1.4 | |
| Stomach, Forestomach | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Stomach, Glandular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| CARDIOVASCULAR SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blood Vessel | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Heart | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| ENDOCRINE SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adrenal Cortex | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Accessory Adrenal Cortical Nodule | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Hypertrophy | | | | | | | | | | | | | | | | | | | | | | | | | | 2 1.5 | |
| Subcapsular, Hyperplasia | | | 1 | | 1 | | 1 | | | | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | | | | | 1 | 1 | 12 1.1 | | |
| Adrenal Medulla | A | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | 22 | | |
| Islets, Pancreatic | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Hyperplasia | | | 2 | | 3 | | | | | | | | | | | | | | | | | 1 | 2 | | 1 | 2 6 1.8 | |
| Parathyroid Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Pituitary Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Thyroid Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Follicle, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | | 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
 1-4 .. Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

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

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Epididymis | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Exfoliated Germ Cell | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Hypospermia | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3.0 |
| Preputial Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Acinus, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 2.4 |
| Duct, Ectasia | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 2.4 |
| Prostate | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Seminal Vesicle | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Testes | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Seminiferous Tubule, Degeneration | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 4.0 |

HEMATOPOIETIC SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Bone Marrow | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Lymph Node | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| Lymph Node, Mandibular | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Hyperplasia, Lymphoid | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 2.2 |

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

TDMS No. 20310 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | | ANIMAL ID | * TOTALS |
|------------------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|
| | 01 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | 03 | | |
| A60,3T37.5,N10.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | |
| | 0 | 6 | 1 | 1 | 1 | 1 | 4 | 6 | 8 | 8 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 1 | 2 | 4 | 6 | 0 | 0 | | |
| | 4 | 6 | 4 | 5 | 6 | 4 | 7 | 8 | 6 | 7 | 0 | 3 | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 9 | 2 | 6 | 7 | 7 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Lymph Node, Mesenteric
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | 9 | 1.6 |
| Spleen
Hematopoietic Cell Proliferation
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | 6 | 2.0 |
| Thymus
Atrophy
Hyperplasia, Lymphoid | A | + | + | + | + | + | + | + | + | + | M | + | M | + | + | + | + | M | + | + | + | + | + | + | 20 | 1 | 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1.0 |

INTEGUMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|-----|
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | 0 | | |
| Skin
Inflammation, Suppurative
Epithelium, Hyperplasia | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | 1 | 3.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 2.0 |

MUSCULOSKELETAL SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|--|
| Bone | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| Bone, Femur | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | | |

NERVOUS SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|--|--|
| Brain, Brain Stem | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |
| Brain, Cerebellum | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | | |

* .. 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 - 03
 Test Type: 26-39 WEEKS
 Route: GAVAGE
 Species/Strain: MICE/C3B6F1-+/Trp53(tm1Brd)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 AZT+3TC combination
 CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010
 Time Report Requested: 12:30:53
 First Dose M/F: 12/22/06 / NA
 Lab: NCTR

| DAY ON TEST | C3B6F1-+/TRP53(TM1BRD) NCTR MICE MALE | | | | | | | | | | | | | | | | | | | | | | | * TOTALS |
|---|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------|----------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | |
| | 0 | 6 | 1 | 1 | 1 | 1 | 4 | 6 | 6 | 8 | 8 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 1 | 2 | 4 | 6 | |
| | 4 | 6 | 4 | 5 | 6 | 4 | 7 | 8 | 6 | 7 | 0 | 3 | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 9 | 2 | 7 | 7 | |
| Brain, Cerebrum Mineralization | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23
1 1.0 | |
| RESPIRATORY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Lung Alveolar Epithelium, Hyperplasia | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23
1 1.0 | |
| Nose | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 24 | |
| Trachea | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| SPECIAL SENSES SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Eye | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| Harderian Gland | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23 | |
| URINARY SYSTEM | | | | | | | | | | | | | | | | | | | | | | | | |
| Kidney Casts Protein | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23
10 1.0 | |
| Kidney Hydronephrosis | | 1 | 1 | | 1 | | | | 1 | | 1 | | | | 1 | | 1 | | 1 | | 1 | | 12 2.0 | |
| Kidney Infiltration Cellular, Lymphocyte | | 1 | | 1 | 1 | | | | | 2 | | | 4 | 1 | | 4 | 3 | 1 | 2 | | 1 | 3 | 7 1.7 | |
| Kidney Nephropathy | | | | | | | 1 | | | | 1 | | 4 | | | 1 | 2 | | 2 | | 1 | | 1 1.0 | |
| Urinary Bladder Infiltration Cellular, Lymphocyte | A | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 23
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 - 03

Test Type: 26-39 WEEKS

Route: GAVAGE

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

AZT+3TC combination

CAS Number: AZT3TCCOMBO

Date Report Requested: 05/04/2010

Time Report Requested: 12:30:53

First Dose M/F: 12/22/06 / NA

Lab: NCTR

*** 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

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1-4 .. Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked