

Experiment Number: 95007-10
Test Type: 24-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
CAS Number: 148-24-3

Date Report Requested: 10/22/2014
Time Report Requested: 20:19:09
First Dose M/F: NA / NA
Lab: MBA

C Number: C95007L
Lock Date: 06/26/1997
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

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| P53(C57BL/6) Mouse Male 0 PPM | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 7 | 7 | 6 | 6 | 6 | 7 | 6 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 7 | 7 |
| | 3 | 3 | 9 | 9 | 9 | 2 | 9 | 9 | 9 | 9 | 3 | 3 | 9 | 9 | 9 | 3 | 3 | 9 | 9 | 2 | 3 | 3 | 2 | 2 | 9 | 9 | 3 | 3 |
| 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 | 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 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |

Hematopoietic System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mandibular | + | + | + | + | + | + | M | + | + | + | M | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Lymph Node, Mediastinal | M | + | + | + | + | + | + | M | M | + | + | M | + | + | M | M | M | + | M | + | M | M | M | + | + | + | M |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Thymus | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | M | + | + | M | + | + | + | + | + | + | + |

Integumentary System

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

Musculoskeletal System

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

Nervous System

NONE

Respiratory System

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

Special Senses System

NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

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First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

P53(C57BL/6) Mouse Male
0 PPM

ANIMAL ID

***TOTALS**

Alimentary System

| | |
|----------------------|----|
| Liver | 30 |
| Pancreas | 30 |
| Salivary Glands | 29 |
| Stomach, Forestomach | 30 |
| Stomach, Glandular | 30 |

Cardiovascular System

NONE

Endocrine System

| | |
|-----------------|----|
| Adrenal Cortex | 30 |
| Adrenal Medulla | 30 |
| Pituitary Gland | 27 |
| Thyroid Gland | 11 |

General Body System

NONE

Genital System

| | |
|-----------------|----|
| Epididymis | 30 |
| Seminal Vesicle | 1 |
| Testes | 30 |

Hematopoietic System

| | |
|-------------|----|
| Bone Marrow | 30 |
|-------------|----|

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
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Time Report Requested: 20:19:10
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

P53(C57BL/6) Mouse Male
0 PPM

| ANIMAL ID | *TOTALS |
|-------------------------------|---------|
| Lymph Node, Mandibular | 27 |
| Lymph Node, Mediastinal | 18 |
| Lymph Node, Mesenteric | 30 |
| Spleen | 30 |
| Thymus | 27 |
| Integumentary System | |
| Mammary Gland | 3 |
| Skin | 30 |
| Musculoskeletal System | |
| Bone | 30 |
| Nervous System | |
| NONE | |
| Respiratory System | |
| Lung | 30 |
| Trachea | 30 |
| Special Senses System | |
| NONE | |
| Urinary System | |
| Kidney | 30 |
| SYSTEMIC LESIONS | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 95007-10
Test Type: 24-WEEK
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Time Report Requested: 20:19:10
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

P53(C57BL/6) Mouse Male
0 PPM

ANIMAL ID

*TOTALS

Multiple Organ

30

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

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 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
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 Time Report Requested: 20:19:10
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Male 3000 PPM8-OHQ | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 |
| | | 3 | 3 | 9 | 9 | 3 | 3 | 2 | 2 | 9 | 3 | 3 | 2 | 2 | 9 |
| 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 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | | *TOTALS | | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Cardiovascular System

NONE

Endocrine System

| | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pituitary Gland | + | + | + | M | + | + | + | M | + | + | + | + | + | + | + | 13 |
| Thyroid Gland | M | M | M | M | M | M | M | M | M | M | M | + | + | + | + | 4 |

General Body System

NONE

Genital System

| | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
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 Lab: MBA

| P53(C57BL/6) Mouse Male 3000 PPM8-OHQ | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 0 | |
| | 3 | 3 | 9 | 9 | 3 | 3 | 2 | 2 | 2 | 9 | 3 | 3 | 2 | 2 | 9 | |
| Bone Marrow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Lymph Node, Mandibular | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Lymph Node, Mediastinal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Lymph Node, Mesenteric | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 15 |
| Spleen | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 15 |
| Thymus | + | + | + | + | M | + | + | + | + | + | M | + | M | + | + | 12 |
| Integumentary System | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | + | 1 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Musculoskeletal System | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Nervous System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Trachea | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 14 |
| Special Senses System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
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 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Male 3000 PPM8-OHQ | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | ANIMAL ID | 1 | 1 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | |
| | | 3 | 3 | 9 | 9 | 3 | 3 | 2 | 2 | 2 | 9 | 3 | 3 | 2 | 2 | 9 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 4 | 4 | 4 | 4 | 4 | 4 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P53(C57BL/6) Mouse Male 1200 PPMROT | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 6 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 6 |
| | | 9 | 9 | 3 | 9 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 9 | 2 | 2 | 9 |
| 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 |
| | | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| *TOTALS | | | | | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Cardiovascular System

| | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | | | | | |
| Endocrine System | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 14 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | 14 |
| Pituitary Gland | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | 14 |
| Thyroid Gland | + | + | M | + | + | + | + | + | + | + | M | + | + | + | + | 13 |

General Body System

| | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | | | | | |
| Genital System | | | | | | | | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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| P53(C57BL/6) Mouse Male 1200 PPMROT | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 6 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | | |
| | 9 | 9 | 3 | 9 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 9 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Lymph Node, Mediastinal | M | + | M | + | + | + | M | + | + | + | M | M | + | + | 9 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Thymus | + | + | + | + | + | + | M | M | + | + | M | + | + | + | 12 | |
| Integumentary System | | | | | | | | | | | | | | | | |
| Mammary Gland | + | M | M | M | M | + | M | + | M | + | + | + | + | M | 8 | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Musculoskeletal System | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Nervous System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| Special Senses System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:10
 First Dose M/F: NA / NA
 Lab: MBA

| | | DAY ON TEST | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----|----|--|
| P53(C57BL/6) Mouse Male | | 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 1200 PPMROT | 6 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | | | |
| | | 9 | 9 | 3 | 9 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 9 | | |
| | 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 | | |
| | | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| | | *TOTALS | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:10
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Male 200 PPM 2,4-DAT | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 9 | 3 | 2 | 2 | 3 | 2 | 3 | 7 | |
| 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 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |

Alimentary System

| | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | 1 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | 1 |

Cardiovascular System

NONE

Endocrine System

| | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pituitary Gland | M | M | + | + | + | M | + | + | + | + | + | + | + | + | + | 12 |
| Thyroid Gland | + | + | + | + | + | + | + | M | + | + | M | + | M | + | + | 12 |

General Body System

NONE

Genital System

| | | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:10
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Male 200 PPM 2,4-DAT | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 9 | 3 | 2 | 2 | 3 | 2 | 3 | 7 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic System | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | |
| Lymph Node | | | | | | | | | | | | | | | + | |
| Iliac, Lymphoma Malignant | | | | | | | | | | | | | | | X | |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | |
| Thoracic, Lymphoma Malignant | | | | | | | | | | | | | | | X | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | |
| Lymph Node, Mediastinal | + | + | + | + | + | M | + | + | + | + | + | + | + | + | M | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | |
| Integumentary System | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Musculoskeletal System | | | | | | | | | | | | | | | | |

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Male 200 PPM 2,4-DAT | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 9 | 3 | 2 | 2 | 3 | 2 | 3 | 7 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Nervous System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | 1 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Special Senses System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | 1 |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | | | | | | | | | | | | | | | X | 1 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P53(C57BL/6) Mouse Male 200 PPM 2,6-DAT | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 6 |
| | | 9 | 2 | 3 | 2 | 2 | 3 | 9 | 2 | 2 | 9 | 3 | 2 | 2 | 9 |
| 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 |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| *TOTALS | | | | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Cardiovascular System

NONE

Endocrine System

| | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pituitary Gland | + | + | + | M | + | + | + | M | + | + | M | + | + | I | 11 |
| Thyroid Gland | + | M | + | + | + | + | + | + | + | + | + | + | + | + | 14 |

General Body System

NONE

Genital System

| | | | | | | | | | | | | | | | |
|------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Epididymis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Testes | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Male 200 PPM 2,6-DAT | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | |
| | 9 | 2 | 3 | 2 | 2 | 3 | 9 | 2 | 2 | 9 | 3 | 2 | 2 | 9 | 9 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | |
| Lymph Node, Mediastinal | + | + | M | + | M | M | + | + | M | M | + | + | M | M | M | |
| Lymph Node, Mesenteric | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Integumentary System | | | | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | + | M | M | M | M | M | M | M | M | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Musculoskeletal System | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Nervous System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Special Senses System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| | | DAY ON TEST | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|--|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| P53(C57BL/6) Mouse Male | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | | |
| | 200 PPM 2,6-DAT | 9 | 2 | 3 | 2 | 2 | 3 | 9 | 2 | 2 | 9 | 3 | 2 | 2 | 9 | 9 | | |
| | 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 | | |
| | | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | | |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |

END OF MALE DATA

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Female 0 PPM | DAY ON TEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 6 | 7 | 6 | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 6 | 7 | 6 | 6 | 7 |
| | 9 | 3 | 9 | 3 | 2 | 9 | 2 | 2 | 3 | 3 | 9 | 3 | 3 | 9 | 3 | 9 | 9 | 2 | 3 | 2 | 2 | 9 | 2 | 9 | 9 | 3 | 9 | 9 |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

Alimentary System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

Cardiovascular System

NONE

Endocrine System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | I | + | + | + | + | + | + | + | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | + | M | M | M | M |

General Body System

NONE

Genital System

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
Test Type: 24-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
CAS Number: 148-24-3

Date Report Requested: 10/22/2014
Time Report Requested: 20:19:11
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

P53(C57BL/6) Mouse Female

0 PPM

ANIMAL ID

***TOTALS**

Alimentary System

| | |
|----------------------|----|
| Liver | 30 |
| Pancreas | 30 |
| Salivary Glands | 29 |
| Stomach, Forestomach | 30 |
| Stomach, Glandular | 30 |

Cardiovascular System

NONE

Endocrine System

| | |
|-----------------|----|
| Adrenal Cortex | 30 |
| Adrenal Medulla | 30 |
| Pituitary Gland | 29 |
| Thyroid Gland | 25 |

General Body System

NONE

Genital System

| | |
|--------|----|
| Ovary | 30 |
| Uterus | 30 |

Hematopoietic System

| | |
|-------------|----|
| Bone Marrow | 30 |
| Lymph Node | 1 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
Test Type: 24-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
CAS Number: 148-24-3

Date Report Requested: 10/22/2014
Time Report Requested: 20:19:11
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

P53(C57BL/6) Mouse Female
0 PPM

| ANIMAL ID | *TOTALS |
|-------------------------------|---------|
| Lymph Node, Mandibular | 29 |
| Lymph Node, Mediastinal | 19 |
| Lymph Node, Mesenteric | 29 |
| Spleen | 30 |
| Thymus | 28 |
| Integumentary System | |
| Mammary Gland | 30 |
| Skin | 30 |
| Musculoskeletal System | |
| Bone | 30 |
| Nervous System | |
| NONE | |
| Respiratory System | |
| Lung | 30 |
| Alveolar/Bronchiolar Adenoma | 1 |
| Trachea | 30 |
| Special Senses System | |
| Eye | 1 |
| Urinary System | |
| Kidney | 30 |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
Test Type: 24-WEEK
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
CAS Number: 148-24-3

Date Report Requested: 10/22/2014
Time Report Requested: 20:19:11
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

P53(C57BL/6) Mouse Female
0 PPM

ANIMAL ID

*TOTALS

SYSTEMIC LESIONS

| | |
|----------------|----|
| Multiple Organ | 30 |
|----------------|----|

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P53(C57BL/6) Mouse Female 3000 PPM8-OHQ | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 |
| | | 2 | 2 | 9 | 2 | 2 | 3 | 2 | 3 | 9 | 2 | 9 | 3 | 3 | 2 | 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 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| *TOTALS | | | | | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Cardiovascular System

| | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | | | | | |
| Endocrine System | | | | | | | | | | | | | | | | |
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pituitary Gland | + | + | M | + | + | M | + | I | + | + | + | I | + | + | + | 11 |
| Thyroid Gland | M | + | M | + | + | + | + | + | + | M | + | + | + | + | + | 12 |

General Body System

| | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| NONE | | | | | | | | | | | | | | | | |
| Genital System | | | | | | | | | | | | | | | | |
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Hematopoietic System

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Female 3000 PPM8-OHQ | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | |
| | 2 | 2 | 9 | 2 | 2 | 3 | 2 | 3 | 9 | 2 | 9 | 3 | 3 | 2 | 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 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mediastinal | + | + | M | M | + | M | + | + | M | + | M | + | M | M | + | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Thymus | + | + | M | + | + | + | + | + | + | + | + | + | + | + | + | |
| Integumentary System | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Musculoskeletal System | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Nervous System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Special Senses System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| | | DAY ON TEST | | | | | | | | | | | | | | | | |
|----------------------------------|----------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|--|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| P53(C57BL/6) Mouse Female | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | 3000 PPM8-OHQ | 2 | 2 | 9 | 2 | 2 | 3 | 2 | 3 | 9 | 2 | 9 | 3 | 3 | 2 | 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 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | *TOTALS | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:11
 First Dose M/F: NA / NA
 Lab: MBA

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P53(C57BL/6) Mouse Female 1200 PPMROT | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |
| | | 2 | 9 | 3 | 2 | 2 | 3 | 2 | 9 | 9 | 3 | 3 | 2 | 3 | 9 | 3 |
| 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 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| *TOTALS | | | | | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Cardiovascular System

NONE

Endocrine System

| | | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pituitary Gland | I | + | + | I | M | M | M | I | + | + | I | I | M | + | + | 6 |
| Thyroid Gland | + | + | + | + | M | + | M | + | + | M | + | M | + | + | + | 11 |

General Body System

NONE

Genital System

| | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:12
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Female 1200 PPMROT | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | |
| | 2 | 9 | 3 | 2 | 2 | 3 | 2 | 9 | 9 | 3 | 3 | 2 | 3 | 9 | 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 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymph Node, Mandibular | M | + | + | + | + | + | + | + | + | + | + | + | + | M | + | 13 |
| Lymph Node, Mediastinal | + | + | + | + | M | + | M | M | M | + | + | M | + | + | + | 10 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | M | + | + | + | 14 |
| Integumentary System | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Musculoskeletal System | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Nervous System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Special Senses System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | |

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:12
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Female 1200 PPMROT | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|-------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 7 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 |
| | | 2 | 9 | 3 | 2 | 2 | 3 | 2 | 9 | 9 | 3 | 3 | 2 | 3 | 9 |
| | | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 |
| | | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | *TOTALS | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:12
 First Dose M/F: NA / NA
 Lab: MBA

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|----------------------------------|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P53(C57BL/6) Mouse Female | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 200 PPM 2,4-DAT | 7 | 6 | 6 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 |
| | 5 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 9 | 2 | 2 | 3 | 2 | 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 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| | *TOTALS | | | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | X | | | | | | | | | | | | | | | 1 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Cardiovascular System

NONE

Endocrine System

| | | | | | | | | | | | | | | | | |
|--------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | 1 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymphoma Malignant | | | | | | | | | | | | X | | | | 1 |
| Pituitary Gland | + | I | + | I | M | + | M | M | M | I | + | M | + | M | + | 6 |
| Thyroid Gland | + | M | + | + | M | + | + | M | + | M | + | + | + | + | + | 11 |

General Body System

NONE

Genital System

| | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
|-------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:12
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Female 200 PPM 2,4-DAT | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 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 | 1 | 1 | 1 | 1 | 1 | |
| | 7 | 6 | 6 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | |
| | 5 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 9 | 2 | 2 | 3 | 2 | 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 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Hematopoietic System | | | | | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymph Node, Mediastinal | M | M | + | M | + | + | M | + | M | M | + | + | + | + | M | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | X | | | | | | | | | | | | | | | |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | X | | | | | | | | | | | | | | | |
| Integumentary System | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Musculoskeletal System | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Nervous System | | | | | | | | | | | | | | | | |
| Brain, Cerebellum | + | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Lymphoma Malignant | X | | | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:12
 First Dose M/F: NA / NA
 Lab: MBA

| | | DAY ON TEST | | | | | | | | | | | | | | | | |
|----------------------------------|------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|----------------|---|--|
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| P53(C57BL/6) Mouse Female | | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 7 | 6 | 6 | 6 | 7 | 6 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | | |
| | 200 PPM 2,4-DAT | 5 | 9 | 9 | 9 | 3 | 9 | 2 | 2 | 2 | 9 | 2 | 2 | 3 | 2 | 2 | | |
| | | 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 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | *TOTALS | | |
| Trachea | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | | |
| Special Senses System | | | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | | | |
| Kidney | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | | | |
| Multiple Organ | | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 | | |
| Lymphoma Malignant | | X | | | | | | | | | | X | | | | 2 | | |

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:12
 First Dose M/F: NA / NA
 Lab: MBA

| DAY ON TEST | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P53(C57BL/6) Mouse Female 200 PPM 2,6-DAT | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 6 |
| | | 9 | 3 | 2 | 9 | 9 | 3 | 3 | 3 | 9 | 3 | 9 | 3 | 2 | 9 |
| 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 |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| *TOTALS | | | | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | | | | | |
|----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Cardiovascular System

NONE

Endocrine System

| | | | | | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Pituitary Gland | + | + | M | + | M | + | + | I | + | + | + | + | + | + | 12 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

General Body System

NONE

Genital System

| | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Ovary | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Uterus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |

Hematopoietic System

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:12
 First Dose M/F: NA / NA
 Lab: MBA

| P53(C57BL/6) Mouse Female 200 PPM 2,6-DAT | DAY ON TEST | | | | | | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 6 | |
| | 9 | 3 | 2 | 9 | 9 | 3 | 3 | 3 | 3 | 9 | 3 | 9 | 3 | 2 | 9 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Lymph Node, Mediastinal | M | + | M | + | + | M | M | M | + | + | + | + | M | + | + | 9 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Spleen | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Thymus | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Integumentary System | | | | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Skin | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Musculoskeletal System | | | | | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Nervous System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Trachea | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 15 |
| Special Senses System | | | | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | | | | |

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

Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:19:12
 First Dose M/F: NA / NA
 Lab: MBA

| DAY ON TEST | ANIMAL ID | | | | | | | | | | | | | | | *TOTALS |
|----------------------------------|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| P53(C57BL/6) Mouse Female | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| 200 PPM 2,6-DAT | 6 | 7 | 7 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 7 | 6 | |
| | 9 | 3 | 2 | 9 | 9 | 3 | 3 | 3 | 3 | 9 | 3 | 9 | 3 | 2 | 9 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | |
| | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Kidney | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| SYSTEMIC LESIONS | | | | | | | | | | | | | | | | |
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

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