

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
CAS Number: 148-24-3

Date Report Requested: 10/22/2014
Time Report Requested: 20:22:37
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	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	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	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	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	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	8	9	0

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocyte, Necrosis, Focal						1						1		1		1	1	1				1	1	1			1		1
Hepatocyte, Vacuolization Cytoplasmic, Focal								2		1				2									2		2		2		
Infiltration Cellular, Lymphocyte, Focal			1															1					1						
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acinus, Degeneration, Focal						1				1											1								1
Infiltration Cellular, Lipocyte, Focal				1																									
Infiltration Cellular, Lymphocyte, Focal											1																		
Inflammation, Chronic Active, Focal																							1						
Salivary Glands	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte, Focal			2	1	1	1	1				2		1	1				1		2	1	1	1	1		1		1	
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	1	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
	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	2
Thyroid Gland	+	+	+	+	+	+	M	+	+	+	M	M	+	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	
General Body System																													
NONE																													
Genital System																													
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle																													
Dilatation																													
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hyperplasia, Lymphoid					2																								
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	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Musculoskeletal System																													

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	1	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
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																													
NONE																													
Respiratory System																													
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Perivascular, Infiltration Cellular, Lymphocyte, Focal				1							1									1	1								
Perivascular, Inflammation, Chronic Active, Focal					1			1			1				2														
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																													
NONE																													
Urinary System																													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte, Focal					1														1	1						2			
Renal Tubule, Regeneration, Focal										1													1	1					

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DAY ON TEST

P53(C57BL/6) Mouse Male
0 PPM

	ANIMAL ID	*TOTALS	
Alimentary System			
Liver		30	
Hepatocyte, Necrosis, Focal		11	1.0
Hepatocyte, Vacuolization Cytoplasmic, Focal		6	1.8
Infiltration Cellular, Lymphocyte, Focal		3	1.0
Pancreas		30	
Acinus, Degeneration, Focal		4	1.0
Infiltration Cellular, Lipocyte, Focal		1	1.0
Infiltration Cellular, Lymphocyte, Focal		1	1.0
Inflammation, Chronic Active, Focal		1	1.0
Salivary Glands		29	
Infiltration Cellular, Lymphocyte, Focal		16	1.2
Stomach, Forestomach		30	
Stomach, Glandular		30	
Cardiovascular System			
NONE			
Endocrine System			
Adrenal Cortex		30	
Adrenal Medulla		30	
Pituitary Gland		27	
Thyroid Gland		11	

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DAY ON TEST

P53(C57BL/6) Mouse Male
0 PPM

ANIMAL ID

*TOTALS

General Body System

NONE

Genital System

Epididymis	30		
Seminal Vesicle	1		
Dilatation		1	2.0
Testes	30		

Hematopoietic System

Bone Marrow	30		
Lymph Node, Mandibular	27		
Lymph Node, Mediastinal	18		
Lymph Node, Mesenteric	30		
Hyperplasia, Lymphoid		1	2.0
Spleen	30		
Thymus	27		

Integumentary System

Mammary Gland	3		
Skin	30		

Musculoskeletal System

Bone	30		
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Nervous System

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DAY ON TEST

P53(C57BL/6) Mouse Male
0 PPM

	ANIMAL ID	<u>*TOTALS</u>	
NONE			
Respiratory System			
Lung		30	
Perivascular, Infiltration Cellular, Lymphocyte, Focal		4	1.0
Perivascular, Inflammation, Chronic Active, Focal		4	1.3
Trachea		30	
Special Senses System			
NONE			
Urinary System			
Kidney		30	
Infiltration Cellular, Lymphocyte, Focal		4	1.3
Renal Tubule, Regeneration, Focal		3	1.0

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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	1	1	1	1	1	1	1	1	1	1	1	1	1	
	7	7	6	6	7	7	7	7	7	6	7	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	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hepatocyte, Necrosis, Focal			1			2	1							1		4	1.3
Hepatocyte, Vacuolization Cytoplasmic, Focal						2						1				2	1.5
Infiltration Cellular, Lymphocyte, Focal				1						1						2	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Infiltration Cellular, Lymphocyte, Focal	1	1	1		1	1		2	1			1		2		9	1.2
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

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	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	
	7	7	6	6	7	7	7	7	7	6	7	7	7	7	6	
	3	3	9	9	3	3	2	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	

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mediastinal	M	+	M	+	+	+	+	+	M	+	+	+	+	M	M	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Pigmentation				1	2			1				2		1		5 1.4
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

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ANIMAL ID	1	1	6	6	7	7	7	7	6	7	7	7	7	6	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	4	4	4	4	4	4	4		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5		
																*TOTALS	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Inflammation, Chronic Active, Focal								2		1		2				3	1.7
Trachea	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	14	
Special Senses System																	
NONE																	
Urinary System																	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Renal Tubule, Regeneration, Focal								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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:37
 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 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	6	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
Infiltration Cellular, Lymphocyte, Focal				1		1				1			1	1		5 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Inflammation, Chronic Active, Focal									1							1 1.0

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

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 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 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																

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mediastinal	M	+	M	+	+	+	M	+	+	+	M	M	+	+	M	9
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic Cell Proliferation					1	1	2	1	1	1	1		2	1		9 1.2
Thymus	+	+	+	+	+	+	M	M	+	+	M	+	+	+	+	12
Atrophy, Diffuse	3															1 3.0

Integumentary System

Mammary Gland	+	M	M	M	M	+	M	+	M	+	+	+	+	+	M	8
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Epidermis, Ulcer, Focal					4											1 4.0

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Nervous System

NONE																
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Bronchus, 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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 First Dose M/F: NA / NA
 Lab: MBA

DAY ON TEST	P53(C57BL/6) Mouse Male 1200 PPMROT																
	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	*TOTALS	
	6	6	7	6	7	7	7	7	7	7	7	6	7	7	6		
	9	9	3	9	2	2	3	2	2	3	2	9	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		
	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		
Inflammation, Chronic Active, Focal						1		2		1		1				4	1.3
Perivascular, Infiltration Cellular, Lymphocyte		1														1	1.0
Perivascular, Infiltration Cellular, Lymphocyte, Focal			1													1	1.0
Perivascular, Inflammation, Chronic Active, Focal				1												1	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Special Senses System																	
NONE																	
Urinary System																	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Renal Tubule, Regeneration, Focal				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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 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 Male 200 PPM 2,4-DAT		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
*TOTALS																

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hepatocyte, Necrosis, Focal				1			1	1	1	1		1				7 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal	1			1		2	1		1	1		1				7 1.1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

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
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 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	

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node															+	1	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mediastinal	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	13	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	14	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hematopoietic Cell Proliferation	1	1	1		1	1	1		1	1	1			1		10	1.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Atrophy				3												1	3.0

Integumentary System

Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	--

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Inflammation, Chronic Active, Focal			1											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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 First Dose M/F: NA / NA
 Lab: MBA

P53(C57BL/6) Mouse Male 200 PPM 2,4-DAT	DAY ON TEST																
	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		
	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	*TOTALS	
Perivascular, Inflammation, Chronic Active, Focal				1		1				1						3	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Special Senses System																	
NONE																	
Urinary System																	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Cyst	4															1	4.0
Infiltration Cellular, Lymphocyte, Focal								2								1	2.0
Renal Tubule, Regeneration, Focal								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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 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	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	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	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Hepatocyte, Necrosis, Focal	1			1	1		1	1	1		1					8	1.0	
Infiltration Cellular, Lymphocyte, Focal							1									1	1.0	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Infiltration Cellular, Lymphocyte, Focal					1						1					2	1.0	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15		
Infiltration Cellular, Lymphocyte, Focal	1	1					1	1					2		1	6	1.2	
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

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 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	7	8	9	0	1	2	3	4	5	6	7	8	9	
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic System																
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	14
Lymph Node, Mediastinal	+	+	M	+	M	M	+	+	M	M	+	+	M	M	M	7
Lymph Node, Mesenteric	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	14
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic Cell Proliferation	1	1		1	1	1		1	1	1	1	1	1	1	1	13 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
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

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 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	0		
P53(C57BL/6) Mouse Male 200 PPM 2,6-DAT	ANIMAL ID	1	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	0	0	0				
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8				
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		*TOTALS			
Perivascular, Inflammation, Chronic Active, Focal				1		1			1		1				1		5	1.0		
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
Special Senses System																				
NONE																				
Urinary System																				
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15			
END OF MALE DATA																				

* ..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:

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2) Mild 4) Marked

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 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	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	1
	6	7	6	7	7	6	7	7	7	6	7	7	6	7	6	6	7	7	7	6	7	6	6	7	6	6	7	6	6
	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	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	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
	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	9

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocyte, Necrosis, Focal				1		1				1		1		1	1					1	1				1				
Infiltration Cellular, Lymphocyte, Focal		1																								2		1	
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte, Focal																													1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte, Focal		2		2	2				2				1								1				3			1	2
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

General Body System

NONE

Genital 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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:38
 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	0		
ANIMAL ID	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	1		
Ovary	6	7	6	7	7	6	7	7	7	6	7	7	6	7	6	6	7	7	7	6	7	6	6	7	6	7	6	6	7		
Cyst	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	2		
Uterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bilateral, Hydrometra	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		
Hematopoietic System	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bone Marrow	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1		
Lymph Node	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Lymph Node, Mediastinal	+	M	+	+	+	M	+	M	M	+	M	+	+	+	M	+	+	M	M	M	+	+	+	M	+	+	M	+	+		
Lymph Node, Mesenteric	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hyperplasia, Lymphoid																															
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Hematopoietic Cell Proliferation	1	1	1	1	2	2	1	3	3	2	2	2	3	1	2	2	3	2	2	2	2	1	2	2	2	2	1	2	3	1	
Pigmentation																															
Thymus	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+		
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
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
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 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
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Experiment Number: 95007-10
 Test Type: 24-WEEK
 Route: DOSED FEED
 Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:39
 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	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	1	1
	6	7	6	7	7	6	7	7	7	7	6	7	7	6	7	6	6	7	7	7	6	7	6	6	7	6	6	7	6	6
	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	2	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	1	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	0	1	1	1	1	1	1	1	1	2
	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	9	0

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Infiltration Cellular, Lymphocyte, Focal				1											1					2										1
Inflammation, Chronic Active, Focal													1						1					2		1	2			
Perivascular, Inflammation, Chronic Active, Focal											1																			
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Special Senses System

Eye

+

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Renal Tubule, Dilatation, Focal										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

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

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Date Report Requested: 10/22/2014
Time Report Requested: 20:22:39
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	
Hepatocyte, Necrosis, Focal	9	1.0
Infiltration Cellular, Lymphocyte, Focal	3	1.3
Pancreas	30	
Infiltration Cellular, Lymphocyte, Focal	1	1.0
Salivary Glands	29	
Infiltration Cellular, Lymphocyte, Focal	9	1.8
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	

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Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

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Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
CAS Number: 148-24-3

Date Report Requested: 10/22/2014
Time Report Requested: 20:22:39
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

P53(C57BL/6) Mouse Female
0 PPM

ANIMAL ID	*TOTALS	
Cyst	1	2.0
Uterus	30	
Bilateral, Hydrometra	1	1.0
Hematopoietic System		
Bone Marrow	30	
Lymph Node	1	
Lymph Node, Mandibular	29	
Lymph Node, Mediastinal	19	
Lymph Node, Mesenteric	29	
Hyperplasia, Lymphoid	1	2.0
Spleen	30	
Hematopoietic Cell Proliferation	30	1.9
Pigmentation	1	1.0
Thymus	28	
Integumentary System		
Mammary Gland	30	
Skin	30	
Musculoskeletal System		
Bone	30	
Nervous System		
NONE		

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

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Experiment Number: 95007-10
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Species/Strain: Mouse/P53(C57BL/6)

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
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CAS Number: 148-24-3

Date Report Requested: 10/22/2014
Time Report Requested: 20:22:39
First Dose M/F: NA / NA
Lab: MBA

DAY ON TEST

P53(C57BL/6) Mouse Female
0 PPM

	ANIMAL ID	*TOTALS	
Respiratory System			
Lung		30	
Infiltration Cellular, Lymphocyte, Focal		4	1.3
Inflammation, Chronic Active, Focal		5	1.4
Perivascular, Inflammation, Chronic Active, Focal		1	1.0
Trachea		30	
Special Senses System			
Eye		1	
Urinary System			
Kidney		30	
Renal Tubule, Dilatation, Focal		1	1.0

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+ ..Tissue examined microscopically

X ..Lesion present

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 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
Hepatocyte, Necrosis, Focal			1		1		1		1	1				1	1	7 1.0
Infiltration Cellular, Lymphocyte, Focal			1						1			1			1	4 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal	2		2				2	1	2	1		1	1			8 1.5
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
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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P53(C57BL/6) Mouse Female 3000 PPM8-OHQ	DAY ON TEST																	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	1	1	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	2	3	3	3	3	3	3			
	1	2	3	4	5	6	7	8	9	0	1	2	3	3	4	5		
																*TOTALS		
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hydrometra	2																1	2.0
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mediastinal	+	+	M	M	+	M	+	+	M	+	M	+	M	M	+	8		
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hematopoietic Cell Proliferation	2	2	1	2	2	1	2	2	1	2	2	2	2	2	2	15	1.8	
Pigmentation	2	2	1	2	2	1	3	1	1	2	2	1	2	2	2	15	1.7	
Thymus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	14	
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Nervous System																		
NONE																		
Respiratory System																		
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:39
 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	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	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	
Infiltration Cellular, Lymphocyte, Focal								1					1			
Inflammation, Chronic Active, Focal	1	1	1			1										
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Special Senses System																
NONE																
Urinary System																
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Infiltration Cellular, Lymphocyte, Focal						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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:39
 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	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	
	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	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hepatocyte, Necrosis, Focal				1					1		1					3	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Infiltration Cellular, Lymphocyte, Focal	1				1	2	2	1								5	1.4
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Epithelium, Hyperplasia, Focal				2												1	2.0
Inflammation, Acute, Focal				1												1	1.0
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

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:39
 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	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	
	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	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic System																
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	13
Lymph Node, Mediastinal	+	+	+	+	M	+	M	M	M	+	+	M	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic Cell Proliferation	1							1	1		1	1	1		1	7 1.0
Thymus	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	14
Integumentary System																
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Musculoskeletal System																
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Nervous System																
NONE																
Respiratory System																
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal						1				1				1	1	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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:39
 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	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		
	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		
																*TOTALS	
Inflammation, Chronic Active, Focal	2		1	1		1		1	1	2		6		1.3			
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Special Senses System																	
NONE																	
Urinary System																	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Renal Tubule, Dilatation, Focal										1						1	1.0
Renal Tubule, Regeneration, Focal	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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:39
 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 200 PPM 2,4-DAT		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	0	0
	1	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	6
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
*TOTALS																

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hepatocyte, Necrosis, Focal			1				1			1	1			1	1	6 1.0
Infiltration Cellular, Lymphocyte, Focal					1				1							2 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Acinus, Vacuolization Cytoplasmic, Focal									3							1 3.0
Infiltration Cellular, Lymphocyte, Focal										1				1		2 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Infiltration Cellular, Lymphocyte, Focal			1										1	2	2	4 1.5
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

Cardiovascular System

NONE

Endocrine System

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

General Body System

NONE

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:39
 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	
ANIMAL ID	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	
	0	0	0	0	0	0	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	

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Degeneration	3															1 3.0
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Lymph Node, Mediastinal	M	M	+	M	+	+	M	+	M	M	+	+	+	+	M	8
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hematopoietic Cell Proliferation		1		1		1	2	2		1	2	3		2	2	10 1.7
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Hyperplasia			3													1 3.0

Integumentary System

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Nervous System

Brain, Cerebellum	+															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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:40
 First Dose M/F: NA / NA
 Lab: MBA

DAY ON TEST	P53(C57BL/6) Mouse Female 200 PPM 2,4-DAT															*TOTALS	
	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		
Hemorrhage, Focal	3															1	3.0
Respiratory System																	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hemorrhage, Focal	2															1	2.0
Infiltration Cellular, Lymphocyte, Focal							1					1				2	1.0
Inflammation, Chronic Active, Focal					2	1			1			2			1	5	1.4
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Special Senses System																	
NONE																	
Urinary System																	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Infiltration Cellular, Lymphocyte, Focal					1							2		1		3	1.3
Pelvis, Dilatation														3		1	3.0
Renal Tubule, Dilatation, Focal										1						1	1.0
Renal Tubule, Necrosis, Focal	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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:40
 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	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	7	7	6	6	7	7	7	6	7	6	7	7	6	6	
	9	3	2	9	9	3	3	3	9	3	9	3	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	
	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	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hepatocyte, Necrosis, Focal			1	1	1		1			1	1		1	1	1	9	1.0
Infiltration Cellular, Lymphocyte, Focal										1		1				2	1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Infiltration Cellular, Lymphocyte, Focal									1							1	1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Infiltration Cellular, Lymphocyte, Focal	1		1			1	2		1		2	1			1	8	1.3
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

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:40
 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	6	7	6	7	7	6		
	9	3	2	9	9	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		
	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		
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hematopoietic System																
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Lymph Node, Mediastinal	M	+	M	+	+	M	M	M	+	+	+	+	M	+	9	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Hematopoietic Cell Proliferation	3	3	2	1	2	1	2	1	1	2	1	1	1	2	15 1.6	
Pigmentation								1						1	2 1.0	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Integumentary System																
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Musculoskeletal System																
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Nervous System																
NONE																
Respiratory System																
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	

* ..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

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

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Transgenic model evaluation (8-Hydroxyquinoline)
 CAS Number: 148-24-3

Date Report Requested: 10/22/2014
 Time Report Requested: 20:22:40
 First Dose M/F: NA / NA
 Lab: MBA

DAY ON TEST	P53(C57BL/6) Mouse Female 200 PPM 2,6-DAT															*TOTALS	
	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		
	6	7	7	6	6	7	7	7	6	7	6	7	7	6	6		
	9	3	2	9	9	3	3	3	9	3	9	3	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		
	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		
Infiltration Cellular, Lymphocyte, Focal										1						1	1.0
Inflammation, Chronic Active, Focal				1	1	1		1				1				5	1.0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Special Senses System																	
NONE																	
Urinary System																	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	15	
Infiltration Cellular, Lymphocyte, Focal					1										1	2	1.0
Pelvis, Dilatation						2										1	2.0

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
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 1) Minimal 3) Moderate
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