

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

<b>C Number:</b>	C55798C
<b>Lock Date:</b>	11/25/1996
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 839	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 839

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Clitoral Gland

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**OBSERVATIONS**

Liver		Inflammation	Chronic, Mild
Lung	Perivascular	Inflammation	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 840	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 189 <b>HISTO:</b> 840
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Brain	Esophagus
Gallbladder	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Pituitary Gland	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Clitoral Gland	Mammary Gland	Parathyroid Gland
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**INSUFFICIENT TISSUE**

Adrenal Cortex	Adrenal Medulla
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**OBSERVATIONS**

Liver		Inflammation	Chronic, Mild
Lung	Perivascular	Inflammation	Chronic, Mild
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Thymus	Cortex	Atrophy	Minimal
		Hyperplasia	Focal, Minimal
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 841	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 189 <b>HISTO:</b> 841
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

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**MISSING**

Parathyroid Gland	Thymus
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**OBSERVATIONS**

Adrenal Cortex	Necrosis	Minimal
Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
Thymus		
Note: TISSUE MISSING FOR TGL 2.		
Thyroid Gland	Ectopic Thymus	Mild
Uterus	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 842	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 183
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 842

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder		

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**OBSERVATIONS**

Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
Thyroid Gland	Ectopic Thymus	Minimal
Uterus	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 843	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 843
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Clitoral Gland	Mammary Gland
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**OBSERVATIONS**

Liver		Inflammation	Chronic, Minimal
		Necrosis	Minimal
Pancreas	Acinar Cell	Atrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 844	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 189
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 844

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Clitoral Gland

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**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 845

**TRT#:** 1  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 191  
**HISTO:** 845

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Liver	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Lymph Node, Mandibular

**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Mild
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Cyst	Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Spleen		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 846	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 191 <b>HISTO:</b> 846
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Liver	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Thymus			
Note: NO CORRELATING LESION FOR TGL 2-4.			
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 847	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 847
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Brain	Esophagus
Gallbladder	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Pituitary Gland	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Bone	Bone Marrow	Clitoral Gland	Lymph Node, Mandibular
Parathyroid Gland			

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**INSUFFICIENT TISSUE**

Mammary Gland

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**OBSERVATIONS**

Liver		Inflammation	Chronic, Mild
Lung	Perivascular	Inflammation	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Thymus	Cortex	Atrophy	Minimal
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 848	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 183 <b>HISTO:</b> 848
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Pituitary Gland	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Clitoral Gland

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**INSUFFICIENT TISSUE**

Mammary Gland

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**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Minimal
Parathyroid Gland		Cyst	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Thymus	Cortex	Atrophy	Mild
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 849	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 190 <b>HISTO:</b> 849
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

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**MISSING**

Clitoral Gland

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**OBSERVATIONS**

Liver		Necrosis	Minimal
Lung	Perivascular	Inflammation	Chronic, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Thymus		Cyst	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 850	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 186 <b>HISTO:</b> 850
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Intestine Large, Rectum	Lymph Node, Mandibular
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**INSUFFICIENT TISSUE**

Clitoral Gland

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**OBSERVATIONS**

Liver		Necrosis	Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 851	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 851

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

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**INSUFFICIENT TISSUE**

Clitoral Gland

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**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Minimal
Nose		Inflammation	Acute, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Thymus		Cyst	Minimal
Note: NO CORRELATING LESION FOR TGL 2-4.			
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 852

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 190

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 852

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Pituitary Gland	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Bone	Femur	Fibrosis	Minimal
Clitoral Gland		Inflammation	Acute, Minimal
Ovary		Cyst	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Thymus		Cyst	Mild
Note: NO CORRELATING LESION FOR TGL 2-4.			
Thyroid Gland		Ectopic Thymus	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 853	<b>TRT#:</b> 1	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 853

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

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**MISSING**

Gallbladder

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**OBSERVATIONS**

Liver		Necrosis	Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 854	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 854
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Liver	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Uterus	

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**MISSING**

Lymph Node, Mandibular	Parathyroid Gland	Urinary Bladder
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**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Thymus		Cyst	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 855

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 183

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 855

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**INSUFFICIENT TISSUE**

Clitoral Gland

**OBSERVATIONS**

Gallbladder		Cyst	Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Thymus			
Note: NO CORRELATING LESION FOR TGL 1-4.			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 856	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 191 <b>HISTO:</b> 856
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Pituitary Gland	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

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**MISSING**

Clitoral Gland	Parathyroid Gland
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**OBSERVATIONS**

Lung	Interstitial Perivascular	Inflammation Inflammation	Chronic, Minimal Chronic, Minimal
Ovary		Cyst	Mild
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Thymus			
Note: NO CORRELATING LESION FOR TGL 2-4.			
Thyroid Gland		Ectopic Thymus	Minimal
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 857

**TRT#:** 1  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 123  
**HISTO:** 857

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Kidney			
Note: NO CORRELATING LESION FOR TGL 2-5.			
Liver	Centrilobular, Hepatocyte	Necrosis	Mild
[ Necrosis TGLS = 3-2 ]			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Necrosis	Lymphoid, Mild
Lymph Node, Mesenteric		Necrosis	Lymphoid, Mild
Ovary		Cyst	Mild
Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 4-15 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Necrosis	Lymphoid, Mild
[ Hematopoietic Cell Proliferation TGLS = 1-3 ]			
Thymus	Cortex	Necrosis	Lymphoid, Marked
Uterus		Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 858

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:** 190

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 858

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder			

**MISSING**

Clitoral Gland	Intestine Large, Rectum	Parathyroid Gland	Pituitary Gland
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**OBSERVATIONS**

Liver	Inflammation	Chronic, Mild
	Necrosis	Minimal
Spleen	Hyperplasia	Lymphoid, Minimal
Thyroid Gland	Inflammation	Chronic, Minimal
Uterus	Hyperplasia	Cystic, Mild
	Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 859

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 189

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 859

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 860	<b>TRT#:</b> 2 <b>DOSE:</b> 200 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 183 <b>HISTO:</b> 860
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular

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**OBSERVATIONS**

Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Thymus		Cyst	Mild

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 861

**TRT#:** 2  
**DOSE:** 200 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 191  
**HISTO:** 861

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone  
Intestine Small, Duodenum  
Lymph Node, Mesenteric  
Thymus

Bone Marrow  
Intestine Small, Ileum  
Ovary

Intestine Large, Cecum  
Intestine Small, Jejunum  
Stomach, Forestomach

Intestine Large, Colon  
Lymph Node, Mandibular  
Stomach, Glandular

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**MISSING**

Intestine Large, Rectum

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 862	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 862

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

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**OBSERVATIONS**

Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 863	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 183
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 863

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node	Lymph Node, Mandibular	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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**OBSERVATIONS**

Lymph Node Note: MEDIASTINAL LYMPH NODE IS NORMAL.			
Lymph Node, Mesenteric Note: NO CORRELATING LESION FOR TGL 3-1.		Hyperplasia	Lymphoid, Mild
Thymus Note: NO CORRELATING LESION FOR TGL 2-4.			

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PRIMARY CAUSE OF DEATH -

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 864	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 864

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

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**OBSERVATIONS**

Lymph Node, Mandibular	Hyperplasia	Lymphoid, Minimal
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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 865	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 865

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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**OBSERVATIONS**

Spleen	Hematopoietic Cell Proliferation	Mild
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[ Hematopoietic Cell Proliferation TGLS = 2-3 ]

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 866	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 866

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular

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**MISSING**

Lymph Node, Mandibular

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**OBSERVATIONS**

Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
Thymus	Cortex	Atrophy	Mild

Note: NO CORRELATING LESION FOR TGL 5-4.

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PRIMARY CAUSE OF DEATH

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 867	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 155
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 867

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

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**OBSERVATIONS**

Bone Marrow	Hypercellularity	Mild
Heart		
Note: NO CORRELATING LESION FOR TGL 6-12.		
Lymph Node, Mandibular	Plasma Cell Tumor Malignant	
[ Plasma Cell Tumor Malignant TGLS = 5-11 ]		
Skin	Inflammation	Chronic Active, Moderate
	Ulcer	Moderate
[ Inflammation TGLS = 8-16 ]		
[ Ulcer TGLS = 7-16 ]		
Spleen	Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-3 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 868

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 190

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 868

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone  
Intestine Large, Rectum  
Lymph Node, Mesenteric  
Thymus

Bone Marrow  
Intestine Small, Duodenum  
Ovary

Intestine Large, Cecum  
Intestine Small, Ileum  
Stomach, Forestomach

Intestine Large, Colon  
Intestine Small, Jejunum  
Stomach, Glandular

---

**MISSING**

Lymph Node, Mandibular

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

**ANIMAL ID:** 869

**TRT#:** 2  
**DOSE:** 200 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 183  
**HISTO:** 869

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone  
Intestine Large, Rectum  
Lymph Node, Mesenteric  
Thymus

Bone Marrow  
Intestine Small, Ileum  
Ovary

Intestine Large, Cecum  
Intestine Small, Jejunum  
Stomach, Forestomach

Intestine Large, Colon  
Lymph Node, Mandibular  
Stomach, Glandular

---

**MISSING**

Intestine Small, Duodenum

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 870	<b>TRT#:</b> 2 <b>DOSE:</b> 200 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 186 <b>HISTO:</b> 870
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular

---

**OBSERVATIONS**

Lymph Node, Mandibular		Lymphoma Malignant	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
[ Lymphoma Malignant TGLS = 2-3 ]			
Thymus	Cortex	Atrophy	Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 871	<b>TRT#:</b> 2 <b>DOSE:</b> 200 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 191 <b>HISTO:</b> 871
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Ovary
Skin	Stomach, Forestomach	Stomach, Glandular	

---

**OBSERVATIONS**

Bone Marrow		Hypercellularity	Mild
Lymph Node	Lumbar	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-19 ]			
Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-17 ]			
Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 11-11+18 ]			
Skin			
Note: NO CORRELATING LESION FOR TGL 10-16.			
Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]			
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-4 ]			

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 872	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 190
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 872

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

---

**INSUFFICIENT TISSUE**

Lymph Node, Mandibular

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 873

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 189

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 873

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

---

**OBSERVATIONS**

Thymus

Note: NO CORRELATING LESION FOR TGL 2-4.

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 874	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 874

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Ovary	Stomach, Forestomach	Stomach, Glandular

---

**OBSERVATIONS**

Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Thymus		Hyperplasia	Focal, Mild

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 875	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 190
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 875

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach	Stomach, Glandular	Thymus

---

**MISSING**

Lymph Node, Mandibular	Lymph Node, Mesenteric
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**OBSERVATIONS**

Skin	Inflammation	Chronic, Minimal
[ Inflammation TGLS = 2-11 ]		

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

**ANIMAL ID:** 876

**TRT#:** 2  
**DOSE:** 200 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 189  
**HISTO:** 876

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

---

**MISSING**

Lymph Node, Mandibular

---

**PRIMARY CAUSE OF DEATH** -

---

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 877	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 191
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 877

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 878	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 200 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 878

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular

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**MISSING**

Lymph Node, Mandibular

---

**OBSERVATIONS**

Thymus	Cortex	Atrophy	Moderate
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 879	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 190
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 879

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach		

---

**MISSING**

Lymph Node, Mandibular	Lymph Node, Mesenteric
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**OBSERVATIONS**

Stomach, Glandular	Inflammation	Acute, Mild
Thymus	Hyperplasia	Focal, Minimal

---

**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 880	<b>TRT#:</b> 3 <b>DOSE:</b> 375 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 880
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node	Lymph Node, Mandibular	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

---

**OBSERVATIONS**

Lymph Node Note: MESENTERIC LYMPH NODE - NO CORRELATING LESION FOR TGL 3-1. Note: MEDIASTINAL LYMPH NODE IS NORMAL.			
Lymph Node, Mesenteric Note: NO CORRELATING LESION FOR TGL 3-1.		Hyperplasia	Lymphoid, Minimal
Thymus Note: NO CORRELATING LESION FOR TGL 2-4.			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 881	<b>TRT#:</b> 3 <b>DOSE:</b> 375 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 186 <b>HISTO:</b> 881
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Stomach, Forestomach	Stomach, Glandular	Thymus	

---

**MISSING**

Lymph Node, Mesenteric

---

**OBSERVATIONS**

Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Ovary		Cyst	Mild
Pancreas	Duct	Ectasia	Marked
		Inflammation	Acute, Moderate

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[ Ectasia TGLS = 2-16 ]

[ Inflammation TGLS = 2-16 ]

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 882	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 191
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 882

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

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**MISSING**

Lymph Node, Mandibular

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 883	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 883

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach	Stomach, Glandular	Thymus

---

**MISSING**

Lymph Node, Mandibular	Lymph Node, Mesenteric
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 884

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 190

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 884

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone  
Intestine Large, Rectum  
Lymph Node, Mandibular  
Thymus

Bone Marrow  
Intestine Small, Duodenum  
Ovary

Intestine Large, Cecum  
Intestine Small, Ileum  
Stomach, Forestomach

Intestine Large, Colon  
Intestine Small, Jejunum  
Stomach, Glandular

---

**MISSING**

Lymph Node, Mesenteric

---

**OBSERVATIONS**

Thymus  
Note: NO CORRELATING LESION FOR TGL 1-4.

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 885	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 885

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach	Stomach, Glandular	Thymus

---

**MISSING**

Lymph Node, Mandibular	Lymph Node, Mesenteric
------------------------	------------------------

---

**OBSERVATIONS**

Thymus  
Note: NO CORRELATING LESION FOR TGL 2-4.

---

PRIMARY CAUSE OF DEATH

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-

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 886	<b>TRT#:</b> 3 <b>DOSE:</b> 375 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 189 <b>HISTO:</b> 886
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Stomach, Forestomach
Stomach, Glandular			

---

**MISSING**

Intestine Large, Rectum	Lymph Node, Mandibular	Lymph Node, Mesenteric	
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---

**OBSERVATIONS**

Ovary	Atrophy	Mild
Thymus	Cyst	Mild

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 887	<b>TRT#:</b> 3 <b>DOSE:</b> 375 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 191 <b>HISTO:</b> 887
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach	Stomach, Glandular	

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**MISSING**

Lymph Node, Mandibular	Lymph Node, Mesenteric
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**OBSERVATIONS**

Thymus	Hyperplasia	Atypical, Moderate
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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 888	<b>TRT#:</b> 3 <b>DOSE:</b> 375 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 190 <b>HISTO:</b> 888
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular

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**MISSING**

Lymph Node, Mandibular

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**OBSERVATIONS**

Thymus	Cyst	Minimal
	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 889

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 189

**DOSE:** 375 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 889

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 890	<b>TRT#:</b> 3 <b>DOSE:</b> 375 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 890
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Ovary	Stomach, Forestomach	Stomach, Glandular

---

**OBSERVATIONS**

Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Marked
Note: MEDIASTINAL LYMPH NODE IS MISSING. [ Infiltration Cellular TGLS = 3-18 ]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Skin	Subcut Tiss	Inflammation	Chronic, Marked
[ Inflammation TGLS = 2-16 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 4-3 ]			
Thymus	Cortex	Atrophy	Minimal
Note: NO CORRELATING LESION FOR TGL 5-4.			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 891	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 189
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 891

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

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**MISSING**

Lymph Node, Mesenteric

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**OBSERVATIONS**

Spleen	Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]		

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 892	<b>TRT#:</b> 3 <b>DOSE:</b> 375 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 892
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular

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**OBSERVATIONS**

Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Thymus	Cortex	Atrophy	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 893	<b>TRT#:</b> 3 <b>DOSE:</b> 375 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 183 <b>HISTO:</b> 893
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric	Stomach, Forestomach
Stomach, Glandular	Thymus		

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**INSUFFICIENT TISSUE**

Bone	Bone Marrow
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**OBSERVATIONS**

Lymph Node, Mandibular	Hyperplasia	Lymphoid, Minimal
Ovary	Cyst	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 894	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 183
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 894

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

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**MISSING**

Lymph Node, Mandibular

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 895	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 895

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Stomach, Forestomach	Stomach, Glandular		

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**OBSERVATIONS**

Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Ovary		Cyst	Mild
Thymus	Cortex	Atrophy	Minimal
		Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 896	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 191
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 896

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 897

**TRT#:** 3  
**DOSE:** 375 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 149  
**HISTO:** 897

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Brain	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary
Thymus			

**INSUFFICIENT TISSUE**

Pituitary Gland

**OBSERVATIONS**

Bone	Calvarium	Osteoma	
[ Osteoma TGLS = 3,4-15 ]			
Brain			
Note: NO CORRELATING LESION FOR TGL 8-7.			
Gallbladder			
Note: NO CORRELATING LESION FOR TGL 1-2.			
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
[ Vacuolization Cytoplasmic TGLS = 2-2 ]			
Pituitary GI			
Note: INSUFFICIENT TISSUE FOR TGL 9-9.			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 898	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 375 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 898

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular

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**MISSING**

Intestine Large, Colon

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**OBSERVATIONS**

Thymus	Cyst	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 899	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 179
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 899

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Clitoral Gland

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**OBSERVATIONS**

Liver	Hematopoietic Cell Proliferation	Minimal
	Necrosis	Minimal
Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
Thymus		
Note: NO CORRELATING LESION FOR TGL 1-4.		
Uterus	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 900	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 183
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 900

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach	Stomach, Glandular	Thymus

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**INSUFFICIENT TISSUE**

Lymph Node, Mandibular

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**OBSERVATIONS**

Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 901

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 901

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

---

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 902	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 902

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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PRIMARY CAUSE OF DEATH

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 903	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 903

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Ovary	Stomach, Forestomach	Stomach, Glandular	

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**MISSING**

Lymph Node, Mesenteric

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**OBSERVATIONS**

Bone	Femur	Fibrosis	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
	[ Hematopoietic Cell Proliferation TGLS = 2-3 ]		
Thymus		Hyperplasia	Atypical, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 904	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 904

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach	Stomach, Glandular	Thymus

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**MISSING**

Lymph Node, Mesenteric

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**OBSERVATIONS**

Lymph Node, Mandibular	Hyperplasia	Lymphoid, Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 905

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 190

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 905

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 906	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 189
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 906

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Jejunum	Lymph Node, Mesenteric
Ovary	Stomach, Forestomach	Stomach, Glandular	

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**MISSING**

Intestine Small, Ileum	Lymph Node, Mandibular
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**OBSERVATIONS**

Thymus	Cyst	Minimal
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 907	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 189
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 907

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mesenteric	Ovary	Thymus

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**MISSING**

Lymph Node, Mandibular

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**INSUFFICIENT TISSUE**

Stomach, Forestomach	Stomach, Glandular
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**OBSERVATIONS**

Heart

Note: NO CORRELATING LESION FOR TGL 2-12.

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 908	<b>TRT#:</b> 4 <b>DOSE:</b> 750 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 164 <b>HISTO:</b> 908
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Ovary
Stomach, Forestomach	Stomach, Glandular		

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**MISSING**

Intestine Large, Rectum	Lymph Node, Mandibular
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**OBSERVATIONS**

Liver		Inflammation	Chronic, Mild
Note: NO CORRELATING LESION FOR TGL 5-2. [ Inflammation TGLS = 5-2 ]			
Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-1 ]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-1 ]			
Lymph Node, Mesenteric		Lymphoma Malignant	
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 909	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 189
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 909

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Ovary	Stomach, Forestomach	Stomach, Glandular

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**MISSING**

Lymph Node, Mesenteric

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**OBSERVATIONS**

Thymus	Cyst	Minimal
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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 910	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 190
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 910

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach	Stomach, Glandular	

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**MISSING**

Lymph Node, Mandibular	Lymph Node, Mesenteric
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**OBSERVATIONS**

Thymus	Hyperplasia	Atypical, Marked
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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 911	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 183
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 911

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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**OBSERVATIONS**

Thymus  
Note: NO CORRELATING LESION FOR TGL 1-4.

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 912	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 191
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 912

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

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**MISSING**

Lymph Node, Mandibular

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 913	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 913

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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PRIMARY CAUSE OF DEATH

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 914

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 184

**DOSE:** 750 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 914

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Stomach, Forestomach
Stomach, Glandular	Thymus		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 915	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 134
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 915

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Spleen	Stomach, Forestomach
Stomach, Glandular			

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**OBSERVATIONS**

Lymph Node	Bronchial	Lymphoma Malignant	
Ovary		Cyst	Minimal
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 916	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 191
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 916

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Ovary	Stomach, Forestomach	Stomach, Glandular	Thymus

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**MISSING**

Lymph Node, Mesenteric

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**INSUFFICIENT TISSUE**

Lymph Node, Mandibular

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 917	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 917

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular
Thymus			

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**INSUFFICIENT TISSUE**

Lymph Node, Mandibular

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**OBSERVATIONS**

Thymus  
Note: NO CORRELATING LESION FOR TGL 2-4.

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 918	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 750 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 918

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Ovary	Stomach, Forestomach	Stomach, Glandular

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**MISSING**

Lymph Node, Mandibular

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**OBSERVATIONS**

Thymus	Hyperplasia	Atypical, Mild
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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 919	<b>TRT#:</b> 5 <b>DOSE:</b> 3000 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 141 <b>HISTO:</b> 919
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lung
Lymph Node, Mandibular	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Uterus			

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**MISSING**

Clitoral Gland	Esophagus	Lymph Node, Mesenteric	Mammary Gland
Parathyroid Gland	Skeletal Muscle		

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**INSUFFICIENT TISSUE**

Urinary Bladder

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**OBSERVATIONS**

Lymph Node	Mediastinal	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-1 ]		
Thymus		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-4 ]		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 920

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 136

**DOSE:** 3000 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 920

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**MISSING**

Clitoral Gland	Lymph Node, Mesenteric
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**OBSERVATIONS**

Heart		Lymphoma Malignant
Lung		Lymphoma Malignant
Lymph Node	Bronchial	Lymphoma Malignant
	Mediastinal	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-1 ]		
[ Lymphoma Malignant TGLS = 2-1 ]		
Thymus		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-4 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 921

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 113

**DOSE:** 3000 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 921

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Brain
Esophagus	Gallbladder	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**MISSING**

Clitoral Gland	Intestine Large, Rectum	Pituitary Gland
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**OBSERVATIONS**

Bone Marrow		Hypercellularity	Minimal
Heart		Lymphoma Malignant	
Liver		Inflammation	Acute, Minimal
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
Spleen			
Note: NO CORRELATING LESION FOR TGL 2-3.			
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 922

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 141

**DOSE:** 3000 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 922

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Clitoral Gland	Parathyroid Gland
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**INSUFFICIENT TISSUE**

Pituitary Gland

**OBSERVATIONS**

Bone Marrow		Hypercellularity	Minimal
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
Uterus		Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 923	<b>TRT#:</b> 5 <b>DOSE:</b> 3000 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 183 <b>HISTO:</b> 923
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Liver	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Parathyroid Gland

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**INSUFFICIENT TISSUE**

Lymph Node, Mandibular

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**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Minimal
Thymus		Lymphoma Malignant	
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 924	<b>TRT#:</b> 5 <b>DOSE:</b> 3000 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 182 <b>HISTO:</b> 924
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Clitoral Gland	Lymph Node, Mandibular	Salivary Glands
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**OBSERVATIONS**

Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-1 ]			
Lymph Node	Bronchial	Lymphoma Malignant	
Ovary		Cyst	Mild
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 925

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 184

**DOSE:** 3000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 925

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Brain	Clitoral Gland
Esophagus	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**INSUFFICIENT TISSUE**

Bone	Bone Marrow
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**OBSERVATIONS**

Liver	Necrosis	Minimal
Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
Thymus	Hyperplasia	Atypical, Moderate
Uterus	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 926

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 150

**DOSE:** 3000 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 926

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Clitoral Gland	Parathyroid Gland
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**INSUFFICIENT TISSUE**

Mammary Gland

**OBSERVATIONS**

Heart	Lymphoma Malignant	
Lung	Lymphoma Malignant	
Thymus	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]		
Uterus	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 927

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 3000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 927

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skeletal Muscle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
Thymus	Hyperplasia	Atypical, Moderate
Uterus	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 928

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 928

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Heart		Lymphoma Malignant	
Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-1 ]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-1 ]			
Spleen		Hyperplasia	Lymphoid, Mild
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05182-05  
Test Type: 1-YEAR  
Route: DOSED FEED  
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: Transgenic model evaluation (Phenolphthalein)  
CAS Number: 77-09-8

Date Report Requested: 10/19/2014  
Time Report Requested: 08:22:56  
First Dose M/F: NA / NA  
Lab: ILS

ANIMAL ID: 929                      TRT#: 5                      SEX: Female                      DAY ON TEST: 133  
DOSE: 3000 PPM                      DISP: Moribund Sacrifice                      HISTO: 929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Clitoral Gland	Lymph Node, Mandibular	Lymph Node, Mesenteric	Skeletal Muscle
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OBSERVATIONS

Bone	Maxilla	Osteosarcoma	
Heart		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Liver		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 4-1 ]		
	[ Lymphoma Malignant TGLS = 3-1,15 ]		
Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-4 ]		
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 930

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 183

**DOSE:** 3000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 930

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Liver	Lung	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

**MISSING**

Lymph Node, Mandibular

**OBSERVATIONS**

Thymus	Cyst	Mild
	Lymphoma Malignant	
Thyroid Gland	Inflammation	Chronic, Minimal
Uterus	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 931	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 165
	<b>DOSE:</b> 3000 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 931

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lung	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Clitoral Gland	Lymph Node, Mandibular	Mammary Gland	Salivary Glands
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**OBSERVATIONS**

Thymus	Lymphoma Malignant		
[ Lymphoma Malignant TGLS = 1-4 ]			
Uterus	Hyperplasia	Cystic, Mild	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 932	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 164
	<b>DOSE:</b> 3000 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 932

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Kidney	Liver	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Clitoral Gland	Intestine Small, Jejunum	Parathyroid Gland
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**INSUFFICIENT TISSUE**

Mammary Gland

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**OBSERVATIONS**

Heart		Lymphoma Malignant	
Lung			
Note: NO CORRELATING LESION FOR TGL 2-1.			
Lymph Node	Bronchial	Lymphoma Malignant	
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 933	<b>TRT#:</b> 5 <b>DOSE:</b> 3000 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 113 <b>HISTO:</b> 933
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Clitoral Gland	Mammary Gland
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**INSUFFICIENT TISSUE**

Pituitary Gland

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**OBSERVATIONS**

Heart		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-1 ]			
Ovary		Cyst	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 934

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 184

**DOSE:** 3000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 934

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Liver	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea

**MISSING**

Urinary Bladder

**OBSERVATIONS**

Kidney

Note: NO CORRELATING LESION 3-5.

Liver

Note: NO CORRELATING LESION FOR TGL 2-2.

Lung	Perivascular	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 935      **TRT#:** 5      **SEX:** Female      **DAY ON TEST:** 109  
**DOSE:** 3000 PPM      **DISP:** Moribund Sacrifice      **HISTO:** 935

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Bone	Femur	Fibrosis	Minimal
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-1 ]			
Nose	Turbinate	Inflammation	Acute, Minimal
Ovary		Cyst	Mild
Stom Forestom			
Note: NO CORRELATING LESION FOR TGL 3-10.			
Stom Gland			
Note: NO CORRELATING LESION FOR TGL 3-10.			
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 936	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 3000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 936

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Brain	Esophagus
Gallbladder	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Liver	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

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**MISSING**

Adrenal Cortex	Adrenal Medulla
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**INSUFFICIENT TISSUE**

Clitoral Gland
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**OBSERVATIONS**

Spleen	Hematopoietic Cell Proliferation	Minimal
Thymus	Hyperplasia	Atypical, Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 937	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 113
	<b>DOSE:</b> 3000 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 937

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lymph Node, Mandibular	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

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**MISSING**

Clitoral Gland	Lymph Node, Mesenteric
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**OBSERVATIONS**

Heart		Lymphoma Malignant	
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-1 ]		
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-4 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 938

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 3000 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 938

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Clitoral Gland	Parathyroid Gland
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**OBSERVATIONS**

Heart		Lymphoma Malignant	
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-1 ]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-1 ]			
Spleen		Hyperplasia	Lymphoid, Moderate
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 939	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 190
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 939

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain
Clitoral Gland	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Intestine Large, Rectum	Lymph Node, Mandibular
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**OBSERVATIONS**

Bone	Maxilla	Fibrosis	Minimal
Kidney	Cortex	Cyst	Minimal
Thymus		Hyperplasia	Atypical, Moderate
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 940

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 189

**DOSE:** 12000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 940

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Brain
Esophagus	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Bone Marrow		Hypercellularity	Minimal
Liver		Necrosis	Minimal
Salivary Glands	Parotid GI	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
Thymus		Lymphoma Malignant	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 941	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 941

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lymph Node, Mandibular	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Clitoral Gland	Intestine Large, Rectum	Lymph Node, Mesenteric
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**OBSERVATIONS**

Kidney	Cortex	Atrophy	Minimal
	Renal Tubule	Regeneration	Minimal
[ Regeneration TGLS = 1-5 ]			
Lung	Perivascular	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 943	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 189
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 943

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder		

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**MISSING**

Clitoral Gland	Pituitary Gland
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**OBSERVATIONS**

Lung	Alveolar Epith Interstitialium	Hyperplasia Inflammation	Moderate Chronic, Minimal
Parathyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
Thymus		Hyperplasia	Atypical, Moderate
Thyroid Gland	Follicle	Cyst	Minimal
Uterus		Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 944	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 191
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 944

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

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**OBSERVATIONS**

Kidney	Renal Tubule	Regeneration	Minimal
Liver		Necrosis	Minimal
Lymph Node	Bronchial	Lymphoma Malignant	
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 945

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 186

**DOSE:** 12000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 945

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Urinary Bladder			

**MISSING**

Clitoral Gland	Trachea
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**OBSERVATIONS**

Thymus	Lymphoma Malignant	
Uterus	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 946	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 186
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 946

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Jejunum	Kidney	Liver
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Intestine Small, Ileum	Parathyroid Gland
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**OBSERVATIONS**

Spleen	Hematopoietic Cell Proliferation	Minimal
Thymus	Lymphoma Malignant	
Uterus	Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 947	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 947

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skeletal Muscle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Clitoral Gland	Lymph Node, Mesenteric	Parathyroid Gland	Pituitary Gland
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**OBSERVATIONS**

Bone	Tibia	Osteosarcoma	
[ Osteosarcoma TGLS = 2-16A+16B ]			
Lung	Perivascular	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Hyperplasia	Atypical, Moderate
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

<b>ANIMAL ID:</b> 948	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 176
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 948

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Clitoral Gland	Parathyroid Gland
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**OBSERVATIONS**

Liver		Hematopoietic Cell Proliferation	Moderate
Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-1 ]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-1 ]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 949      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 184  
**DOSE:** 12000 PPM      **DISP:** Terminal Sacrifice      **HISTO:** 949

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Brain
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland

**INSUFFICIENT TISSUE**

Clitoral Gland

**OBSERVATIONS**

Bone Marrow		Hypercellularity	Minimal
Gallbladder		Cyst	Minimal
Heart		Lymphoma Malignant	
Liver		Necrosis	Minimal
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
Pancreas	Acinar Cell	Degeneration	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-4 ]		
Uterus		Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 950	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 183
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 950

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Skeletal Muscle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

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**MISSING**

Lymph Node, Mandibular	Pituitary Gland
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**INSUFFICIENT TISSUE**

Clitoral Gland

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**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Minimal
Ovary		Cyst	Moderate
Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Thymus		Hyperplasia	Atypical, Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 951	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 951

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Brain	Clitoral Gland
Esophagus	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Bone	Bone Marrow	Lymph Node, Mandibular
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**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus			
Note: NO CORRELATING LESION FOR 2-4.			
Uterus		Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 952

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 12000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 952

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**INSUFFICIENT TISSUE**

Clitoral Gland

**OBSERVATIONS**

Lung	Perivascular	Inflammation	Chronic, Minimal
Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-3 ]		
Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-4 ]		
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 953

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 178

**DOSE:** 12000 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 953

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Heart		Lymphoma Malignant	
Lung			
Note: NO CORRELATING LESION FOR TGL 6-1.			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-1 ]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
Uterus		Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 954	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 183
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 954

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Intestine Large, Rectum

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**OBSERVATIONS**

Lung	Alveolus	Inflammation	Acute, Minimal
Ovary		Cyst	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

<b>ANIMAL ID:</b> 955	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 164
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 955

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Clitoral Gland	Mammary Gland
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**OBSERVATIONS**

Brain	Cerebrum	Lipoma	
Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-1 ]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-1 ]			
Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 956	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 956

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lung
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Clitoral Gland	Lymph Node, Mandibular	Lymph Node, Mesenteric
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**INSUFFICIENT TISSUE**

Mammary Gland

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**OBSERVATIONS**

Kidney	Renal Tubule	Regeneration	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 957	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 957

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

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**MISSING**

Clitoral Gland	Mammary Gland
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**OBSERVATIONS**

Liver			
Note: NO CORRELATING LESION FOR TGLS 2,3-2.			
Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 4-1 ]		
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-4 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 958	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 190
	<b>DOSE:</b> 12000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 958

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lung
Lymph Node, Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Intestine Large, Rectum	Lymph Node, Mandibular
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**INSUFFICIENT TISSUE**

Clitoral Gland	Mammary Gland
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**OBSERVATIONS**

Spleen	Hematopoietic Cell Proliferation	Minimal
Thymus	Hyperplasia	Atypical, Moderate
Uterus	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05182-05  
**Test Type:** 1-YEAR  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/P53(C57BL/6)

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (Phenolphthalein)  
**CAS Number:** 77-09-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 08:22:56  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 961

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 190

**DOSE:** 12000 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 961

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Gallbladder
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Spleen		Hyperplasia	Lymphoid, Mild
Thymus		Lymphoma Malignant	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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**\*\* END OF REPORT \*\***