

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-1
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

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**MISSING**

\* Lymph Node, Mediastinal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-2
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

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**MISSING**

\* Mammary Gland

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-3
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**OBSERVATIONS**

* Liver	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-4
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Lung	Perivascular	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-5
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Kidney		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Pancreas		Infiltration Cellular	Lipocyte, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 172 <b>HISTO:</b> MB286M-6
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-7
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Pancreas	Acinus	Degeneration	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-8
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-9
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 10	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-10
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
* Pancreas	Acinus	Degeneration	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 11	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-11
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-12
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea

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**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Salivary Glands	* Thymus
* Thyroid Gland			

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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Infiltration Cellular	Lymphocyte, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 13

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-13

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-14
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte Hepatocyte	Necrosis Vacuolization Cytoplasmic	Focal, Minimal Focal, Mild
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Skin			
Note: TGL 1-NCL			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-15

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-16
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-17
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thyroid Gland	
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
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Note: Individual Cell Necrosis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-18
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 19

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-19

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mesenteric  
\* Skin  
\* Testes

\* Adrenal Medulla  
\* Lung  
\* Pancreas  
\* Spleen  
\* Thymus

\* Bone  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Salivary Glands  
\* Stomach, Glandular

**MISSING**

\* Mammary Gland

\* Thyroid Gland

**OBSERVATIONS**

\* Kidney  
\* Liver

Infiltration Cellular  
Infiltration Cellular

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 172

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-20

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thyroid Gland	
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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Mild
* Skin		

Note: TGL 1-NCL

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-21
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

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**MISSING**

* Thymus	* Thyroid Gland
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**OBSERVATIONS**

* Kidney		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Lung	Perivascular	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Pancreas	Acinus	Degeneration	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 22	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-22
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Pancreas		Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 23	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 172 <b>HISTO:</b> MB286M-23
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 24	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 172 <b>HISTO:</b> MB286M-24
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Focal, Minimal
* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 25	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-25

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Infiltration Cellular Vacuolization Cytoplasmic	Lymphocyte, Focal, Minimal Focal, Mild
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 26	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-26

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Kidney		Infiltration Cellular	Lymphocyte, Focal, Mild
	Renal Tubule	Regeneration	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 27	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-27

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild

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Note: Individual Cell Necrosis

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 28	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-28
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-29

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild

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Note: Individual Cell Necrosis

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 172 <b>HISTO:</b> MB286M-30
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Pancreas	Acinus	Degeneration	Focal, Minimal
* Seminal Vesicle		Dilatation	Mild
[ Dilatation TGLS = 1-5 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 31

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 173

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-31

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mandibular  
\* Skin  
\* Testes

\* Adrenal Medulla  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Spleen  
\* Thymus

\* Bone  
\* Liver  
\* Pancreas  
\* Stomach, Forestomach

\* Bone Marrow  
\* Lung  
\* Pituitary Gland  
\* Stomach, Glandular

**MISSING**

\* Lymph Node, Mediastinal

\* Mammary Gland

\* Thyroid Gland

\* Trachea

**OBSERVATIONS**

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-32

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-33

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 34	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-34

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Mammary Gland	* Pituitary Gland	* Thyroid Gland	
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**OBSERVATIONS**

* Spleen	Pigmentation	Minimal	
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-35

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

---

**MISSING**

* Mammary Gland	* Thymus	* Thyroid Gland	
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Pigmentation	Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-36

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

---

**MISSING**

* Mammary Gland	* Thyroid Gland
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---

**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-37

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

---

**MISSING**

* Mammary Gland	* Thyroid Gland
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---

**OBSERVATIONS**

* Lung	Inflammation	Chronic Active, Focal, Mild
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-38

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

---

**MISSING**

* Mammary Gland	* Pituitary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Mild
* Skin			
Note: TGL 1-NCL			
* Spleen		Pigmentation	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 39	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-39

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

---

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Lung	Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-40

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea			

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**MISSING**

* Mammary Gland	* Thyroid Gland
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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 41

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 173

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-41

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mediastinal  
\* Salivary Glands  
\* Stomach, Glandular

\* Adrenal Medulla  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Skin  
\* Testes

\* Bone  
\* Liver  
\* Pancreas  
\* Spleen  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Stomach, Forestomach

**MISSING**

\* Mammary Gland

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Lung

Inflammation

Chronic Active, Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-42

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Pigmentation	Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 43

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-43

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Salivary Glands  
\* Stomach, Glandular

\* Bone  
\* Liver  
\* Lymph Node, Mesenteric  
\* Skin  
\* Testes

\* Bone Marrow  
\* Lung  
\* Pancreas  
\* Spleen  
\* Thyroid Gland

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**MISSING**

\* Mammary Gland

\* Thymus

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-44

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 45	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-45

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**MISSING**

\* Lymph Node, Mediastinal

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**OBSERVATIONS**

* Spleen	Pigmentation	Minimal
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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-46

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

---

**MISSING**

\* Lymph Node, Mediastinal

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**OBSERVATIONS**

* Thymus	Atrophy	Diffuse, Moderate
Note: Cortex		

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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-47

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Lung	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 48

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 173

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-48

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mesenteric  
\* Skin  
\* Testes

\* Adrenal Medulla  
\* Kidney  
\* Pancreas  
\* Spleen  
\* Thymus

\* Bone  
\* Liver  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Salivary Glands  
\* Stomach, Glandular

**MISSING**

\* Lymph Node, Mediastinal

\* Mammary Gland

\* Thyroid Gland

**OBSERVATIONS**

\* Lung

Perivascular

Infiltration Cellular

Lymphocyte, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-49

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

---

**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney	Renal Tubule	Regeneration	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Skin	Epidermis	Ulcer	Focal, Marked

Note: Ulceration present on tail.

[ Ulcer TGLS = 1-5 ]

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-50

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 51	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-51

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**OBSERVATIONS**

* Lung	Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 52	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-52

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Thymus	
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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Mild
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 53	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-53

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-54

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Bone	* Bone Marrow	* Epididymis	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**MISSING**

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	
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**OBSERVATIONS**

* Lung	Bronchus	Hyperplasia Inflammation	Mild Chronic Active, Focal, Mild
Note: Hyperplasia involves epithelium			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Focal, Minimal
Note: Inflammation involves submucosa			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 55	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-55

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 56

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 172

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-56

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Testes

\* Adrenal Medulla  
\* Kidney  
\* Mammary Gland  
\* Skin  
\* Trachea

\* Bone  
\* Liver  
\* Pancreas  
\* Stomach, Forestomach

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Stomach, Glandular

**MISSING**

\* Lymph Node, Mediastinal

\* Thymus

\* Thyroid Gland

**OBSERVATIONS**

\* Lung  
\* Spleen

Inflammation  
Hematopoietic Cell Proliferation

Chronic Active, Focal, Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 57

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 169

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-57

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Adrenal Medulla  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Stomach, Glandular  
\* Trachea

\* Bone  
\* Liver  
\* Mammary Gland  
\* Skin  
\* Testes

\* Bone Marrow  
\* Lung  
\* Pancreas  
\* Spleen  
\* Thymus

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**MISSING**

\* Lymph Node, Mediastinal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 58

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 172

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-58

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mediastinal  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Trachea

\* Adrenal Medulla  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Testes

\* Bone  
\* Liver  
\* Mammary Gland  
\* Skin  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Forestomach  
\* Thyroid Gland

**OBSERVATIONS**

\* Lung  
\* Spleen

Inflammation  
Hematopoietic Cell Proliferation

Chronic Active, Focal, Minimal  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 59	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-59

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 60	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-60

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-61

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Kidney Note: Cyst present in left kidney [ Cyst TGLS = 1-3 ]	Cyst	Marked
* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 62	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-62

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Lung	Inflammation	Chronic Active, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 63

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 173

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-63

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Trachea

\* Adrenal Medulla  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Salivary Glands  
\* Testes

\* Bone  
\* Liver  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thymus

\* Bone Marrow  
\* Lung  
\* Pancreas  
\* Stomach, Forestomach  
\* Thyroid Gland

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-64

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Thymus Note: Cortex		Atrophy	Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 65

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 172

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-65

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Trachea

\* Adrenal Medulla  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Salivary Glands  
\* Testes

\* Bone  
\* Liver  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thymus

\* Bone Marrow  
\* Lung  
\* Pancreas  
\* Stomach, Forestomach  
\* Thyroid Gland

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 66	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-66

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 67	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-67

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney	Renal Tubule	Infiltration Cellular Regeneration	Lymphocyte, Focal, Mild Focal, Minimal
Note: Infiltrating Cell, Lymphocyte involved right kidney.			
* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 68	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-68

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
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Note: Individual Cell Necrosis

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 69	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-69

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 70	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-70

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

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**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 71	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-71

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea		

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 72

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 173

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-72

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Epididymis  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Trachea

\* Adrenal Medulla  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Skin  
\* Testes

\* Bone  
\* Liver  
\* Lymph Node, Mesenteric  
\* Spleen  
\* Thymus

\* Bone Marrow  
\* Lung  
\* Pancreas  
\* Stomach, Forestomach  
\* Thyroid Gland

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 73	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-73

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
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Note: Individual Cell Necrosis

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 74	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-74

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Lung	Inflammation	Chronic Active, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 77

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Moribund Sacrifice

**HISTO:** MB286M-75

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Adren Cortex		
Note: TGL 5,6-NCL		
* Adren Medulla		
Note: TGL 5,6-NCL		
* Bone Marrow		Lymphoma Malignant
* Kidney		Lymphoma Malignant
* Liver		Lymphoma Malignant
* Lung		Lymphoma Malignant
* Lymph Node	Iliac	Lymphoma Malignant
	Thoracic	Lymphoma Malignant
		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-6 ]		
[ Lymphoma Malignant TGLS = 1-5 ]		
[ Lymphoma Malignant TGLS = 7-9 ]		
* Lymph Node, Mandibular		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-7 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 8-10 ]		
* Pancreas		Lymphoma Malignant
* Spleen		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 4-2 ]		
* Stomach, Glandular		Lymphoma Malignant
* Thymus		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 9-11 ]		

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 77

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Moribund Sacrifice

**HISTO:** MB286M-75

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 76	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-76

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 77	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-77

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	

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**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 78	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-78

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Skin			

Note: TGL 1-NCL

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-79

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Spleen		Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 80	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-80

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mandibular	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 81	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-81

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 82	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-82

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**OBSERVATIONS**

* Liver		Infiltration Cellular Necrosis	Lymphocyte, Focal, Minimal Focal, Minimal
Note: Individual Cell Necrosis	Hepatocyte		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Skin			
Note: TGL 1-NCL			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 83	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-83

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 84	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-84

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Skin			
Note: TGL 1-NCL			
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 85	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-85

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

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**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 86	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-86

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Pancreas	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 87	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-87

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Spleen		Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 88	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-88

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 89	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-89

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-90

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

---

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-91
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

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**OBSERVATIONS**

* Adren Cortex			
Note: Congestion, mild			
* Adren Medulla			
Note: Congestion, mild			
* Spleen		Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 92	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-92
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

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**MISSING**

\* Lymph Node, Mediastinal

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**OBSERVATIONS**

* Liver	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Mild
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-93
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

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**OBSERVATIONS**

* Lung	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 1-5 ]		
* Lymph Node		
Note: Bronchial Lymph Node is Normal		
* Spleen	Hematopoietic Cell Proliferation	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-94
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 95	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 172 <b>HISTO:</b> MB286M-95
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

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**OBSERVATIONS**

* Ovary Note: Cyst present in left ovary. [ Cyst TGLS = 1-5 ]	Cyst	Mild
* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 96	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 169 <b>HISTO:</b> MB286M-96
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Spleen		Hematopoietic Cell Proliferation	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 97	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 172 <b>HISTO:</b> MB286M-97
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

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**MISSING**

\* Lymph Node, Mediastinal

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**OBSERVATIONS**

* Kidney	Renal Tubule	Dilatation	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 172 <b>HISTO:</b> MB286M-98
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

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**OBSERVATIONS**

* Spleen	Hematopoietic Cell Proliferation	Moderate
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 99	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-99
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

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**MISSING**

\* Lymph Node, Mediastinal

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**OBSERVATIONS**

* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Bilateral	Hydrometra	Minimal

[ Hydrometra TGLS = 1-5 ]

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 100

**TRT#:** 6  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 173  
**HISTO:** MB286M-100

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 101

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-101

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Liver  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Lung  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 102	<b>TRT#:</b> 6 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 173 <b>HISTO:</b> MB286M-102
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

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**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Salivary Glands	* Thymus
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**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

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PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 103

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-103

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

**OBSERVATIONS**

\* Lung  
\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Infiltration Cellular  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 104

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-104

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**OBSERVATIONS**

* Adren Cortex Note: Congestion, minimal			
* Adren Medulla Note: Congestion, minimal			
* Liver	Hepatocyte	Necrosis	Focal, Minimal
* Lung		Inflammation	Chronic Active, Focal, Minimal
* Skin Note: TGL 1-NCL			
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 105

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-105

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus Note: TGL 1-NCL			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 106

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-106

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lung  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation  
Pigmentation

Mild  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 107

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-107

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Liver  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Lung  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 108

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-108

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 109

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-109

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Liver  
Note: Individual Cell Necrosis  
\* Lung  
\* Spleen

Hepatocyte

Necrosis

Focal, Minimal

Infiltration Cellular  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Mild  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 110

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-110

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Salivary Glands  
\* Thyroid Gland

\* Adrenal Medulla  
\* Liver  
\* Ovary  
\* Skin  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Forestomach  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular

**MISSING**

\* Lymph Node, Mediastinal

\* Thymus

**OBSERVATIONS**

\* Lung  
\* Spleen

Inflammation  
Hematopoietic Cell Proliferation

Chronic Active, Focal, Minimal  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 111

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-111

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lung  
\* Ovary  
\* Skin  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Forestomach  
\* Uterus

**MISSING**

\* Lymph Node, Mediastinal

\* Thyroid Gland

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 112

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-112

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Eye	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Eye

Note: Left, TGL 1-NCL

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Focal, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 113

**TRT#:** 6  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 172  
**HISTO:** MB286M-113

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 114

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-114

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Liver  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Lung  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 115

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-115

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Ovary

\* Pancreas

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 116

**TRT#:** 6  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 173  
**HISTO:** MB286M-116

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

**MISSING**

\* Thyroid Gland

**OBSERVATIONS**

* Liver	Infiltration Cellular	Lymphocyte, Focal, Mild
* Lung	Inflammation	Chronic Active, Focal, Mild
* Salivary Glands	Infiltration Cellular	Lymphocyte, Focal, Moderate
* Spleen	Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 117

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-117

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Uterus

\* Adrenal Medulla  
\* Liver  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular

\* Bone  
\* Lung  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Trachea

**MISSING**

\* Thyroid Gland

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 118

**TRT#:** 6  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 169  
**HISTO:** MB286M-118

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

**MISSING**

* Lymph Node, Mediastinal	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Infiltration Cellular	Lymphocyte, Focal, Minimal
* Lung	Inflammation	Chronic Active, Focal, Minimal
* Skin		
Note: TGL 1-NCL		
* Spleen	Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 119

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-119

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Skin  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular

**MISSING**

\* Thyroid Gland

**OBSERVATIONS**

\* Lung  
\* Salivary Glands  
\* Spleen

Inflammation  
Infiltration Cellular  
Hematopoietic Cell Proliferation

Chronic Active, Focal, Mild  
Lymphocyte, Focal, Minimal  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 120

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-120

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pituitary Gland  
\* Thymus

**OBSERVATIONS**

\* Lung  
\* Pancreas  
\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Infiltration Cellular  
Infiltration Cellular  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Mild  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 121

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-121

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Skin  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular

**MISSING**

\* Thyroid Gland

**OBSERVATIONS**

\* Lung  
\* Salivary Glands  
\* Spleen  
  
\* Uterus

Inflammation  
Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation  
Hydrometra

Chronic Active, Focal, Minimal  
Lymphocyte, Focal, Mild  
Mild  
Mild  
Mild

[ Hydrometra TGLS = 1-5 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 122

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-122

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

**OBSERVATIONS**

\* Adren Cortex  
    Note: Congestion, mild  
\* Adren Medulla  
    Note: Congestion, mild  
\* Lung  
\* Spleen

Inflammation  
Hematopoietic Cell Proliferation  
Pigmentation

Chronic Active, Focal, Minimal  
Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 123	<b>TRT#:</b> 7	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 3000 PPM8-OHQ	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-123

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Uterus	

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**MISSING**

* Lymph Node, Mediastinal	* Pituitary Gland	* Thymus	* Thyroid Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Infiltration Cellular Necrosis	Lymphocyte, Focal, Minimal Focal, Minimal
Note: Individual Cell Necrosis			
* Lung		Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Mild
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Minimal Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 124

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-124

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lung  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Spleen  
Hematopoietic Cell Proliferation Mild  
Pigmentation Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 125

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-125

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 126

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-126

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Liver  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Thymus

\* Bone Marrow  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

**MISSING**

\* Lymph Node, Mediastinal

\* Pituitary Gland

**OBSERVATIONS**

\* Kidney  
\* Lung  
\* Spleen

Infiltration Cellular  
Inflammation  
Hematopoietic Cell Proliferation  
Pigmentation

Lymphocyte, Focal, Minimal  
Chronic Active, Focal, Minimal  
Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 127

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-127

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

\* Adrenal Medulla  
\* Lung  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

**OBSERVATIONS**

\* Liver  
    Note: Individual Cell Necrosis  
\* Salivary Glands  
\* Spleen

Hepatocyte

Necrosis  
  
Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation

Focal, Minimal  
  
Lymphocyte, Focal, Mild  
Mild  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 128

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-128

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Thymus

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Lung  
\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Mild  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 129

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-129

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Lung  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Liver

Hepatocyte

Infiltration Cellular  
Necrosis

Lymphocyte, Focal, Minimal  
Focal, Minimal

Note: Individual Cell Necrosis

\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation

Lymphocyte, Focal, Mild  
Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 130

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-130

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

\* Adrenal Medulla  
\* Lung  
\* Mammary Gland  
\* Skin  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular

**MISSING**

\* Thyroid Gland

**OBSERVATIONS**

\* Liver  
Note: Individual Cell Necrosis  
\* Salivary Glands  
\* Spleen

Hepatocyte

Necrosis

Focal, Minimal

Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation

Lymphocyte, Focal, Minimal  
Mild  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 131

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-131

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lung  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Spleen  
Hematopoietic Cell Proliferation Mild  
Pigmentation Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 132

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-132

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Lung  
\* Mammary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Thymus

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Liver  
\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Mild  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 133

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-133

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Liver  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Lung  
\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Mild  
Mild

\* Uterus

Note: TGL 1-NCL

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 134

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-134

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Mild
* Uterus Note: TGL 1-NCL			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 135

**TRT#:** 7

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 3000 PPM8-OHQ

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-135

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Lung  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

**OBSERVATIONS**

\* Liver

Hepatocyte

Infiltration Cellular  
Necrosis

Lymphocyte, Focal, Minimal  
Focal, Minimal

Note: Individual Cell Necrosis

\* Spleen

Hematopoietic Cell Proliferation  
Pigmentation

Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 136

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-136

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mediastinal

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Ovary

\* Pancreas

\* Skin

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Uterus

**MISSING**

\* Lymph Node, Mandibular

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Focal, Minimal

\* Spleen

Hematopoietic Cell Proliferation

Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 137

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-137

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Salivary Glands  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Spleen  
\* Thyroid Gland

**OBSERVATIONS**

\* Lung

Inflammation

Chronic Active, Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 138

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-138

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Liver  
\* Mammary Gland  
\* Salivary Glands  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thymus

\* Bone  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Spleen  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

**OBSERVATIONS**

\* Kidney                      Renal Tubule  
\* Lung

Regeneration  
Inflammation

Focal, Minimal  
Chronic Active, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 139

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-139

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Focal, Mild Acute, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 140

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-140

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Spleen  
\* Trachea

\* Adrenal Medulla  
\* Liver  
\* Ovary  
\* Stomach, Forestomach  
\* Uterus

\* Bone  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Glandular

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thymus

**MISSING**

\* Lymph Node, Mediastinal

\* Pituitary Gland

\* Thyroid Gland

**OBSERVATIONS**

\* Lung  
\* Salivary Glands

Inflammation  
Infiltration Cellular

Chronic Active, Focal, Minimal  
Lymphocyte, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 141

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-141

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thymus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Spleen  
\* Thyroid Gland

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

\* Lung  
\* Pancreas  
Note: TGL 1-NCL  
\* Salivary Glands

Infiltration Cellular

Lymphocyte, Focal, Minimal

Infiltration Cellular

Lymphocyte, Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 142

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-142

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thymus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Spleen  
\* Trachea

\* Bone  
\* Lung  
\* Ovary  
\* Stomach, Forestomach  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Glandular

**MISSING**

\* Lymph Node, Mediastinal

\* Pituitary Gland

\* Thyroid Gland

**OBSERVATIONS**

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 143

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-143

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Liver  
\* Ovary  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Skin  
\* Thyroid Gland

**MISSING**

\* Lymph Node, Mediastinal

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Lung  
\* Salivary Glands  
\* Spleen

Inflammation  
Infiltration Cellular  
Hematopoietic Cell Proliferation

Chronic Active, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 144

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-144

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Adrenal Medulla  
\* Liver  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Bone  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Lung  
\* Spleen

Inflammation  
Hematopoietic Cell Proliferation

Chronic Active, Focal, Minimal  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 145

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-145

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

**MISSING**

\* Thyroid Gland

**OBSERVATIONS**

* Kidney	Renal Tubule	Dilatation	Focal, Minimal
* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Lung		Infiltration Cellular	Lymphocyte, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 146

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-146

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Thymus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Lung  
\* Spleen

Inflammation  
Hematopoietic Cell Proliferation

Chronic Active, Focal, Mild  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 147	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 1200 PPMROT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-147

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Uterus			

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**MISSING**

* Lymph Node, Mediastinal	* Thymus	* Thyroid Gland
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

---

**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Spleen		Hematopoietic Cell Proliferation	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 148

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-148

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Liver  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lung  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 149

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-149

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Salivary Glands  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Liver  
\* Ovary  
\* Skin  
\* Thymus

\* Bone  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Spleen  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

\* Lung

Infiltration Cellular

Lymphocyte, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 150

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 1200 PPMROT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-150

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

**OBSERVATIONS**

\* Lung  
\* Spleen

Infiltration Cellular  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 151

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 75

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Moribund Sacrifice

**HISTO:** MB286M-151

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

* Bone Marrow		Degeneration	Moderate
Brain	Cerebellum	Hemorrhage	Focal, Moderate
[ Hemorrhage TGLS = 4-5 ]			
* Kidney	Renal Tubule	Necrosis	Focal, Minimal
* Liver		Lymphoma Malignant	
* Lung		Hemorrhage	Focal, Mild
[ Hemorrhage TGLS = 3-1 ]		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-5 ]			

**PRIMARY CAUSE OF DEATH**

-

Animal Note: Carcass, Thin, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 152	<b>TRT#:</b> 9	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 169
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-152

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Uterus			

---

**MISSING**

* Lymph Node, Mediastinal	* Thyroid Gland
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**INSUFFICIENT TISSUE**

\* Pituitary Gland

---

**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Skin			
Note: TGL 1-NCL			
* Spleen		Hematopoietic Cell Proliferation	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 153

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-153

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Spleen  
\* Trachea

\* Adrenal Medulla  
\* Liver  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Uterus

\* Bone  
\* Lung  
\* Mammary Gland  
\* Salivary Glands  
\* Stomach, Glandular

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

**OBSERVATIONS**

\* Thymus

Hyperplasia

Moderate

Note: Medulla

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 154

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-154

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Ovary

\* Pancreas

\* Salivary Glands

\* Skin

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 155

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-155

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Lymph Node, Mandibular  
\* Ovary  
\* Spleen  
\* Trachea

\* Adrenal Medulla  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Uterus

\* Bone  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Stomach, Glandular

\* Bone Marrow  
\* Mammary Gland  
\* Skin  
\* Thymus

**MISSING**

\* Pituitary Gland

\* Thyroid Gland

**OBSERVATIONS**

\* Kidney  
\* Liver  
\* Lung

Infiltration Cellular  
Infiltration Cellular  
Inflammation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Chronic Active, Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 156

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-156

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung		Inflammation	Chronic Active, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 157

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-157

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Liver  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Thymus

**MISSING**

\* Lymph Node, Mediastinal

\* Pituitary Gland

**OBSERVATIONS**

\* Lung  
\* Spleen

Infiltration Cellular  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Minimal  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 158

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-158

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular

\* Adrenal Medulla  
\* Liver  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lung  
\* Mammary Gland  
\* Skin  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Uterus

**MISSING**

\* Pituitary Gland

\* Thyroid Gland

**OBSERVATIONS**

\* Spleen

Hematopoietic Cell Proliferation

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 159	<b>TRT#:</b> 9	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,4-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-159

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

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**MISSING**

* Lymph Node, Mediastinal	* Pituitary Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Lung		Inflammation	Chronic Active, Focal, Minimal
* Pancreas	Acinus	Vacuolization Cytoplasmic	Focal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 160

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-160

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Lung  
\* Ovary  
\* Stomach, Glandular

\* Adrenal Medulla  
\* Lymph Node, Mandibular  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lymph Node, Mesenteric  
\* Skin  
\* Trachea

\* Bone Marrow  
\* Mammary Gland  
\* Stomach, Forestomach  
\* Uterus

**MISSING**

\* Lymph Node, Mediastinal

\* Thyroid Gland

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

\* Kidney  
\* Liver  
  
Note: Individual Cell Necrosis  
\* Pancreas  
\* Spleen

Renal Tubule  
  
Hepatocyte

Dilatation  
Infiltration Cellular  
Necrosis  
  
Infiltration Cellular  
Hematopoietic Cell Proliferation

Focal, Minimal  
Lymphocyte, Focal, Minimal  
Focal, Minimal  
  
Lymphocyte, Focal, Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 161

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-161

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Liver  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Lung  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

**OBSERVATIONS**

\* Spleen Hematopoietic Cell Proliferation Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 162

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-162

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Bone	* Bone Marrow	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Lymphoma Malignant	
* Adrenal Medulla	Lymphoma Malignant	
* Kidney	Infiltration Cellular	Lymphocyte, Focal, Mild
* Lung	Inflammation	Chronic Active, Focal, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 163

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-163

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 164

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-164

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Liver  
\* Lymph Node, Mesenteric  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Lung  
\* Mammary Gland  
\* Stomach, Glandular  
\* Uterus

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Thymus

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Skin  
\* Thyroid Gland

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

\* Kidney  
\* Pancreas  
\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Infiltration Cellular  
Infiltration Cellular  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Mild  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 165

**TRT#:** 9

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 200 PPM 2,4-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-165

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

* Kidney [ Dilatation TGLS = 2-3 ]	Pelvis	Dilatation	Moderate
* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung		Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Mild
* Skin Note: TGL 1-NCL			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 166

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-166

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

\* Adrenal Medulla  
\* Liver  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Bone  
\* Lung  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Minimal  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 167

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-167

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Spleen		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 168	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 172
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-168

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

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**MISSING**

* Lymph Node, Mediastinal	* Pituitary Gland
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**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 169

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-169

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung		Inflammation	Chronic Active, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 170

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Liver  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Salivary Glands  
\* Thymus

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

\* Kidney  
\* Lung  
\* Spleen

Infiltration Cellular  
Inflammation  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Minimal  
Chronic Active, Focal, Minimal  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 171	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-171

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

---

**MISSING**

\* Lymph Node, Mediastinal

---

**OBSERVATIONS**

* Kidney Note: (right)	Pelvis	Dilatation	Mild
* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Lung		Inflammation	Chronic Active, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 172

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-172

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Kidney

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Ovary

\* Pancreas

\* Pituitary Gland

\* Skin

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Uterus

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Salivary Glands

Infiltration Cellular

Lymphocyte, Focal, Mild

\* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 174

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-174

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 175

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-175

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**OBSERVATIONS**

* Liver	Hepatocyte	Necrosis	Focal, Minimal
Note: Individual Cell Necrosis			
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 176

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 173

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-176

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Adrenal Medulla  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

\* Bone Marrow  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

**OBSERVATIONS**

\* Liver  
\* Lung  
\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Infiltration Cellular  
Infiltration Cellular  
Hematopoietic Cell Proliferation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Mild  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 177

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-177

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

**OBSERVATIONS**

* Liver Note: Individual Cell Necrosis	Hepatocyte	Necrosis	Focal, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 178	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 173
	<b>DOSE:</b> 200 PPM 2,6-DAT	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MB286M-178

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

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**MISSING**

\* Lymph Node, Mediastinal

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**OBSERVATIONS**

* Liver	Hepatocyte	Infiltration Cellular Necrosis	Lymphocyte, Focal, Minimal Focal, Minimal
Note: Individual Cell Necrosis			
* Lung		Inflammation	Chronic Active, Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 179

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 172

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-179

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Uterus

\* Adrenal Medulla  
\* Lung  
\* Mammary Gland  
\* Salivary Glands  
\* Thymus

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Skin  
\* Thyroid Gland

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

**OBSERVATIONS**

\* Liver  
Note: Individual Cell Necrosis  
\* Spleen

Hepatocyte

Necrosis

Focal, Minimal

Hematopoietic Cell Proliferation

Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Transgenic model evaluation (8-Hydroxyquinoline)  
**CAS Number:** 148-24-3

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 20:18:15  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 180

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 169

**DOSE:** 200 PPM 2,6-DAT

**DISP:** Terminal Sacrifice

**HISTO:** MB286M-180

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Liver  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Thymus

\* Adrenal Medulla  
\* Lung  
\* Mammary Gland  
\* Skin  
\* Thyroid Gland

\* Bone  
\* Lymph Node, Mandibular  
\* Ovary  
\* Stomach, Forestomach  
\* Trachea

\* Bone Marrow  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Stomach, Glandular  
\* Uterus

**OBSERVATIONS**

\* Kidney  
\* Salivary Glands  
\* Spleen

Infiltration Cellular  
Infiltration Cellular  
Hematopoietic Cell Proliferation  
Pigmentation

Lymphocyte, Focal, Minimal  
Lymphocyte, Focal, Minimal  
Mild  
Minimal

PRIMARY CAUSE OF DEATH

-

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

\* PROTOCOL REQUIRED TISSUE