

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

C Number:	C99034
Lock Date:	10/15/2001
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: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 189 HISTO: 2006961
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lymph Node		

Note: Mediastinal lymph node not available for processing

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node
Note: Mediastinal Normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Lymph Node		

Note: Mediastinal lymph node not available for processing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node
Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 189 HISTO: 2006965
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Unilateral	Hypospermia	Marked
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Testes	Germinal Epith, Unilateral Rete Testes	Atrophy Inflammation	Mild Granulomatous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Lymph Node
Note: Mediastinal lymph node not available for processing

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		

Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node
Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 188 HISTO: 2006969
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node	* Lymph Node, Mesenteric
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Casts Protein	Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Lymph Node Note: Mediastinal normal.		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric	Atrophy	Minimal
* Stomach, Forestomach	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 189
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node
Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node
Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 1	SEX: Male	DAY ON TEST: 189
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node
Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Lymph Node
Note: Mediastinal lymph node was unavailable for processing

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 189
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node
Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 3	SEX: Male	DAY ON TEST: 188
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 3 DOSE: 25 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 188 HISTO: 2006977
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 3	SEX: Male	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lymph Node		
Note: Mediastinal missing.		
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 3	SEX: Male	DAY ON TEST: 188
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Kidney	Nephropathy	Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 3	SEX: Male	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 3	SEX: Male	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 3	SEX: Male	DAY ON TEST: 188
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal lymph node was not available for processing		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 3	SEX: Male	DAY ON TEST: 188
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lymph Node		
Note: Mediastinal lymph node was not available for processing		
* Lymph Node, Mesenteric	Atrophy	Mild
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 3	SEX: Male	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Heart	Myocardium	Inflammation	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 3	SEX: Male	DAY ON TEST: 188
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Minimal
* Skin	Pigmentation	Minimal

[Pigmentation TGLS = 1-8]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 3	SEX: Male	DAY ON TEST: 188
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal lymph node was unavailable for processing		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 3

SEX: Male

DAY ON TEST: 188

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node

Note: Mediastinal normal.

* Skin

Pigmentation

Minimal

[Pigmentation TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 3	SEX: Male	DAY ON TEST: 188
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 3	SEX: Male	DAY ON TEST: 188
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 3	SEX: Male	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 5	SEX: Male	DAY ON TEST: 189
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lung	Bronchiole	Hyperplasia	Focal, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 5 DOSE: 50 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 189 HISTO: 2006992
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Lymph Node, Mesenteric	Atrophy	Minimal
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 5	SEX: Male	DAY ON TEST: 188
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 5

SEX: Male

DAY ON TEST: 189

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Lymph Node, Mesenteric	Atrophy	Minimal
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 5

SEX: Male

DAY ON TEST: 188

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 5

SEX: Male

DAY ON TEST: 188

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 5	SEX: Male	DAY ON TEST: 188
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Skin		Pigmentation	Minimal

[Pigmentation TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 5

SEX: Male

DAY ON TEST: 188

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Heart	Myocardium	Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 5	SEX: Male	DAY ON TEST: 188
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 5 DOSE: 50 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 188 HISTO: 2007000
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

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

* Lymph Node		
Note: Mediastinal lymph node was not available for processing		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 5	SEX: Male	DAY ON TEST: 189
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Epididymis
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone	Pigmentation	Hemosiderin, Minimal
* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal lymph node was not available for processing		
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 5	SEX: Male	DAY ON TEST: 189
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Kidney		Casts Protein	Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Skin		Pigmentation	Mild

[Pigmentation TGLS = 1-8]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 5	SEX: Male	DAY ON TEST: 188
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 5	SEX: Male	DAY ON TEST: 188
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Minimal
* Lymph Node		
Note: Mediastinal lymph node was not available for processing.		
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 5	SEX: Male	DAY ON TEST: 188
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Mild
* Lymph Node		
Note: Mediastinal normal.		
* Skin	Pigmentation	Minimal
[Pigmentation TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Mild
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Mild
* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation	Minimal Hemosiderin, Mild
* Lymph Node			
Note: Mediastinal lymph node was unavailable for processing			
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 7	SEX: Male	DAY ON TEST: 189
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy	Mild
		Pigmentation	Hemosiderin, Mild
* Lymph Node	Mediastinal	Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Testes	Germinal Epith	Syncytial Alteration	Minimal
* Thymus		Atrophy	Marked
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 7	SEX: Male	DAY ON TEST: 189
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation	Minimal Hemosiderin, Mild
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Atrophy	Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Minimal
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Mild
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Mild
* Liver		Inflammation	Chronic, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node, Mandibular	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation Inflammation	Minimal Hemosiderin, Mild Chronic Active, Minimal
* Lung			
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Mild
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 7	SEX: Male	DAY ON TEST: 189
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation Nephropathy	Minimal Hemosiderin, Mild Minimal
* Kidney			
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
* Testes	Germinal Epith	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Atrophy	Minimal
	Pigmentation	Hemosiderin, Mild
* Liver	Inflammation	Chronic, Minimal
* Lymph Node		
Note: Mediastinal lymph node was not available for processing		
* Lymph Node, Mesenteric	Atrophy	Minimal
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		
* Spleen	Lymph Follic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 7	SEX: Male	DAY ON TEST: 189
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation	Minimal Hemosiderin, Mild
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57	TRT#: 7	SEX: Male	DAY ON TEST: 189
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Pituitary Gland
* Stomach, Glandular	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Pigmentation	Hemosiderin, Mild
* Kidney		Nephropathy	Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Inflammation	Acute, Mild
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Pigmentation	Hemosiderin, Mild
* Lymph Node		
Note: Mediastinal lymph node was not available for processing		
* Lymph Node, Mesenteric	Atrophy	Moderate
* Skin	Pigmentation	Mild
[Pigmentation TGLS = 1-8]		
* Spleen	Lymph Follic	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 7	SEX: Male	DAY ON TEST: 188
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation	Minimal Hemosiderin, Mild
* Lymph Node	Mediastinal	Atrophy	Mild
* Lymph Node, Mandibular		Atrophy Infiltration Cellular	Mild Polymorphnuclr, Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 7

SEX: Male

DAY ON TEST: 188

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Pigmentation	Hemosiderin, Mild
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
Salivary Glands	Submandibul GI	Inflammation	Chronic, Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 9 DOSE: 200 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 11 HISTO: 2007021
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Pituitary Gland	* Skin	* Stomach, Glandular	* Urinary Bladder

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Lymphoma Malignant	
* Bone Marrow	Lymphoma Malignant	
* Brain	Lymphoma Malignant	
* Epididymis	Lymphoma Malignant	
Eye	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-9]		
* Heart	Lymphoma Malignant	
* Kidney	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]		
* Liver	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node		
Note: Mediastinal lymph node was not available for processing		
* Lymph Node, Mandibular	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-3]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]		
* Stomach, Forestomach	Erosion	Moderate
	Hyperplasia	Marked
	Lymphoma Malignant	
* Testes	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-10]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 9	SEX: Male	DAY ON TEST: 11
	DOSE: 200 MG/KG	DISP: Moribund Sacrifice	HISTO: 2007021

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Lymphoma Malignant
PRIMARY CAUSE OF DEATH	- Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 9

SEX: Male

DAY ON TEST: 189

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Pituitary Gland	* Stomach, Glandular	* Testes
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation	Minimal Hemosiderin, Moderate
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy Lymphoma Malignant	Moderate
* Stomach, Forestomach		Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63	TRT#: 9	SEX: Male	DAY ON TEST: 189
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation Inflammation	Minimal Hemosiderin, Moderate Chronic Active, Minimal
* Lung			
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
Salivary Glands	Submandibul GI	Atrophy	Mild
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Minimal
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 9	SEX: Male	DAY ON TEST: 188
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation	Minimal Hemosiderin, Moderate
* Lymph Node	Mediastinal	Atrophy	Mild
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy Lymphoma Malignant	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 9	SEX: Male	DAY ON TEST: 188
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
		Pigmentation	Hemosiderin, Moderate
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66 **TRT#:** 9 **SEX:** Male **DAY ON TEST:** 189
DOSE: 200 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 2007026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy	Mild
		Pigmentation	Hemosiderin, Moderate
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
* Testes	Germinal Epith	Syncytial Alteration	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67	TRT#: 9	SEX: Male	DAY ON TEST: 188
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Pigmentation	Hemosiderin, Moderate
* Kidney		Nephropathy	Minimal
* Lymph Node			
Note: Mediastinal lymph nodes not available for processing			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 9	SEX: Male	DAY ON TEST: 188
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node, Mandibular	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Moderate
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Polymorphnuclr, Mild
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Thymus		Atrophy	Mild
[Atrophy TGLS = 3-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 9	SEX: Male	DAY ON TEST: 189
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation Granuloma Sperm	Moderate Hemosiderin, Moderate Mild
* Epididymis			
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Mild Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70	TRT#: 9	SEX: Male	DAY ON TEST: 188
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation Nephropathy	Minimal Hemosiderin, Minimal Mild
* Kidney			
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Minimal
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 9	SEX: Male	DAY ON TEST: 188
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mesenteric	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Pigmentation	Hemosiderin, Moderate
* Kidney		Casts Protein	Minimal
* Lymph Node	Mediastinal	Atrophy	Mild
* Lymph Node, Mandibular		Atrophy	Minimal
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72

TRT#: 9

SEX: Male

DAY ON TEST: 188

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
		Pigmentation	Hemosiderin, Moderate
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node	Mediastinal	Atrophy	Moderate
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73	TRT#: 9	SEX: Male	DAY ON TEST: 188
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Pituitary Gland
* Stomach, Glandular	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation	Minimal Hemosiderin, Moderate
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Hyperplasia	Minimal
* Thymus		Atrophy	Mild
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 9	SEX: Male	DAY ON TEST: 188
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Pigmentation	Hemosiderin, Moderate
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Infiltration Cellular	Polymorphnuclr, Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 9

SEX: Male

DAY ON TEST: 188

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Atrophy Pigmentation Casts Protein	Minimal Hemosiderin, Moderate Minimal
* Kidney			
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Moderate
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Moderate Minimal
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 190 HISTO: 2007036
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77	TRT#: 2	SEX: Female	DAY ON TEST: 190
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

Clitoral Gland [Pigmentation TGLS = 1-9]		Pigmentation	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Inflammation	Chronic, Minimal
* Lymph Node Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 190 HISTO: 2007038
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 2	SEX: Female	DAY ON TEST: 189
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Infiltration Cellular	Polymorphnuclr, Minimal
* Pituitary Gland		Infiltration Cellular	Lymphoid, Minimal
* Skin		Inflammation	Granulomatous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 2	SEX: Female	DAY ON TEST: 189
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

INSUFFICIENT TISSUE

* Ovary

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 2	SEX: Female	DAY ON TEST: 190
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lymph Node		

Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 2	SEX: Female	DAY ON TEST: 190
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 2	SEX: Female	DAY ON TEST: 190
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 2	SEX: Female	DAY ON TEST: 189
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Casts Protein	Minimal
* Lymph Node		

Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 2	SEX: Female	DAY ON TEST: 189
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia Inflammation	Focal, Minimal Chronic Active, Mild
* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 190 HISTO: 2007046
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Lymph Node			
Note: Mediastinal normal.			
* Spleen		Infiltration Cellular	Lymphocyte, Marked
* Stomach, Forestomach		Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87	TRT#: 2	SEX: Female	DAY ON TEST: 189
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Casts Protein	Minimal
* Lymph Node		

Note: Mediastinal normal.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88	TRT#: 2	SEX: Female	DAY ON TEST: 190
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Kidney		Infiltration Cellular Nephropathy Inflammation	Lymphoid, Minimal Minimal Chronic, Minimal
* Liver			
* Lymph Node			
Note: Mediastinal normal.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89	TRT#: 2	SEX: Female	DAY ON TEST: 190
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 2	SEX: Female	DAY ON TEST: 190
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 4	SEX: Female	DAY ON TEST: 190
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92	TRT#: 4	SEX: Female	DAY ON TEST: 190
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93	TRT#: 4	SEX: Female	DAY ON TEST: 190
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Lymph Node			
Note: Mediastinal normal.			
* Ovary		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 4	SEX: Female	DAY ON TEST: 190
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 4	SEX: Female	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96	TRT#: 4	SEX: Female	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 4 DOSE: 25 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 190 HISTO: 2007057
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 4	SEX: Female	DAY ON TEST: 190
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 4	SEX: Female	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Lung [Inflammation TGLS = 1,2-1]		Inflammation	Chronic Active, Minimal
* Lymph Node Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100	TRT#: 4	SEX: Female	DAY ON TEST: 190
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mesenteric		Atrophy	Mild
* Thymus		Hyperplasia	Atypical, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101	TRT#: 4 DOSE: 25 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 190 HISTO: 2007061
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102	TRT#: 4	SEX: Female	DAY ON TEST: 190
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 4

SEX: Female

DAY ON TEST: 189

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104	TRT#: 4	SEX: Female	DAY ON TEST: 190
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 1-3]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105	TRT#: 4	SEX: Female	DAY ON TEST: 189
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node

OBSERVATIONS

* Lymph Node
Note: Mediastinal lymph node was not available for processing

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 6

SEX: Female

DAY ON TEST: 189

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node	Mediastinal	Atrophy	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107	TRT#: 6	SEX: Female	DAY ON TEST: 190
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108	TRT#: 6	SEX: Female	DAY ON TEST: 189
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109	TRT#: 6	SEX: Female	DAY ON TEST: 189
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Stomach, Forestomach		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 6

SEX: Female

DAY ON TEST: 190

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node

OBSERVATIONS

* Lymph Node

Note: Mediastinal lymph node was not available for processing

* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Minimal Suppurative, Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111	TRT#: 6 DOSE: 50 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 190 HISTO: 2007071
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node Note: Mediastinal normal.			
* Lymph Node, Mandibular		Atrophy	Minimal
* Stomach, Forestomach [Inflammation TGLS = 1-9]		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112	TRT#: 6	SEX: Female	DAY ON TEST: 190
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113	TRT#: 6	SEX: Female	DAY ON TEST: 190
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pituitary Gland	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Minimal
* Stomach, Forestomach		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 6

SEX: Female

DAY ON TEST: 190

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = TGLs = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115	TRT#: 6	SEX: Female	DAY ON TEST: 190
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 6

SEX: Female

DAY ON TEST: 189

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Inflammation	Granulomatous, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 6

SEX: Female

DAY ON TEST: 190

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 6

SEX: Female

DAY ON TEST: 190

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 6

SEX: Female

DAY ON TEST: 190

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
* Thymus		Hyperplasia	Atypical, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120	TRT#: 6	SEX: Female	DAY ON TEST: 189
	DOSE: 50 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01

Test Type: 26-WEEK

Route: GAVAGE

Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014

Time Report Requested: 00:50:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 121

TRT#: 8

SEX: Female

DAY ON TEST: 190

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 8

SEX: Female

DAY ON TEST: 190

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Nephropathy	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123	TRT#: 8	SEX: Female	DAY ON TEST: 190
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124	TRT#: 8	SEX: Female	DAY ON TEST: 190
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node	Mediastinal	Atrophy	Mild
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125	TRT#: 8	SEX: Female	DAY ON TEST: 190
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Mammary Gland
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node

OBSERVATIONS

* Lymph Node

Note: Mediastinal - insufficient tissue.

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Ovary		Cyst	Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 8

SEX: Female

DAY ON TEST: 189

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 8	SEX: Female	DAY ON TEST: 189
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Mammary Gland
* Ovary	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 8

SEX: Female

DAY ON TEST: 190

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Minimal Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129	TRT#: 8	SEX: Female	DAY ON TEST: 190
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Mammary Gland
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Skin		Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130	TRT#: 8	SEX: Female	DAY ON TEST: 190
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node

OBSERVATIONS

* Intestine Small, Duodenum	Inflammation	Chronic Active, Minimal
* Lymph Node Note: Mediastinal lymph node was unavailable for processing		
* Skin [Pigmentation TGLS = 1-8]	Pigmentation	Minimal
* Uterus Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131	TRT#: 8	SEX: Female	DAY ON TEST: 189
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Inflammation	Suppurative, Minimal
		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132	TRT#: 8	SEX: Female	DAY ON TEST: 190
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Atrophy	Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Stomach, Forestomach		Erosion	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 8

SEX: Female

DAY ON TEST: 189

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Mild
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Thymus		Hyperplasia	Atypical, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134	TRT#: 8	SEX: Female	DAY ON TEST: 190
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 8

SEX: Female

DAY ON TEST: 189

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Duodenum		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 10

SEX: Female

DAY ON TEST: 189

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Infiltration Cellular	Polymorphnuclr, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Hyperplasia	Atypical, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 190
HISTO: 2007097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node	* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Mild
* Ovary		Cyst	Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 10

SEX: Female

DAY ON TEST: 189

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139	TRT#: 10	SEX: Female	DAY ON TEST: 189
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Skin		Inflammation	Suppurative, Mild
		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140	TRT#: 10	SEX: Female	DAY ON TEST: 189
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 190
HISTO: 2007101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Mammary Gland		Hyperplasia	Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142	TRT#: 10	SEX: Female	DAY ON TEST: 190
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143	TRT#: 10	SEX: Female	DAY ON TEST: 190
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic, Minimal
* Lymph Node	Mediastinal	Atrophy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 10

SEX: Female

DAY ON TEST: 190

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Lumbar	Pigmentation	Mild
[Hyperplasia TGLS = 2-9]			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145	TRT#: 10	SEX: Female	DAY ON TEST: 190
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Infiltration Cellular	Polymorphnuclr, Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 10

SEX: Female

DAY ON TEST: 190

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node

OBSERVATIONS

* Lymph Node

Note: Mediastinal lymph node was not available for processing

* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 10

SEX: Female

DAY ON TEST: 190

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 2007107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node	* Lymph Node, Mandibular	* Ovary	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Inflammation	Chronic, Minimal
* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mesenteric		Atrophy	Mild
* Mammary Gland		Hyperplasia	Minimal
* Skin		Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148	TRT#: 10	SEX: Female	DAY ON TEST: 189
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder			

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149	TRT#: 10	SEX: Female	DAY ON TEST: 190
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Lymph Node			
Note: Mediastinal normal.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Ovary		Cyst	Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99034-01
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/TG:P16-INK4A

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Transgenic model evaluation II (Benzene)
CAS Number: 71-43-2

Date Report Requested: 10/16/2014
Time Report Requested: 00:50:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150	TRT#: 10	SEX: Female	DAY ON TEST: 190
	DOSE: 200 MG/KG	DISP: Terminal Sacrifice	HISTO: 2007110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node

OBSERVATIONS

* Kidney		Casts Protein	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lymph Node			
Note: Mediastinal lymph node was not available for processing			
* Lymph Node, Mesenteric		Atrophy	Minimal
* Ovary		Angiectasis	Minimal
* Skin		Pigmentation	Minimal
[Pigmentation TGLS = 1-8]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE