

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

C Number:	C20101B
Lock Date:	09/03/2008
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	09/29/2009

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801429
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis	Epithelium	Karyomegaly	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1 - 9]		
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801430
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801431
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1 - 9]			
* Nose	Septum	Hyalinization	Moderate
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801432
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801433
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801434
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
Coagulating Gland	Epithelium	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801435
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
------------------	-------------------	-----------------	---------------------

OBSERVATIONS

Coagulating Gland	Epithelium	Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Testes	Rete Testes	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801436
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Mild
* Liver		Basophilic Focus	
Note: One nodule of TGL-1 was not confirmed on the slide despite recut attempts. [Basophilic Focus TGLS = 1 - 9]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801437
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Rectum	* Mammary Gland	* Parathyroid Gland
---------------------------	-----------------	---------------------

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801438
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801439
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis	Epithelium	Karyomegaly	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801440
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Septum	Hyalinization	Moderate
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801441
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801442
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	
* Nose	Septum	Hyalinization	Moderate
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801443
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Heart	Valve	Pigmentation	Melanin
* Nose	Septum	Hyalinization	Mild
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 276

DOSE: 0 ppm

DISP: Terminal Sacrifice

HISTO: 0801444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Nose
* Prostate
* Spleen
* Thymus

Blood Vessel
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Liver

Inflammation
Necrosis

Chronic Active, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801445
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801446
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis	Epithelium	Karyomegaly	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801447
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis	Epithelium	Karyomegaly	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Moderate
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801448
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 276
	DOSE: 0 ppm	DISP: Terminal Sacrifice	HISTO: 0801449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Nose	Septum	Hyalinization	Moderate
--------	--------	---------------	----------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801450
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Nose	Septum	Hyalinization	Moderate
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 276
	DOSE: 0 ppm	DISP: Terminal Sacrifice	HISTO: 0801451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis	Epithelium	Karyomegaly	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801452
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
Tooth	Malformation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 1 DOSE: 0 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801453
----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 3	SEX: Male	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 3	SEX: Male	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 3	SEX: Male	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 3	SEX: Male	DAY ON TEST: 277
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801458
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801459
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 3	SEX: Male	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 3

SEX: Male

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801462
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 3	SEX: Male	DAY ON TEST: 277
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 3	SEX: Male	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801465
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 3	SEX: Male	DAY ON TEST: 277
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Inflammation	Chronic Active, Minimal

[Basophilic Focus TGLS = 1- 9]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 3	SEX: Male	DAY ON TEST: 277
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801468
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
-----------------	-------------------

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801469
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 3	SEX: Male	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Basophilic Focus Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 1 - 9]		
* Lymph Node, Mesenteric	Atrophy Inflammation	Moderate Minimal
* Nose		
* Thymus	Cyst	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 3	SEX: Male	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 3	SEX: Male	DAY ON TEST: 277
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801473
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 3

SEX: Male

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Liver	Basophilic Focus
---------	------------------

Note: Liver focus B09.
[Basophilic Focus TGLS = 1 - 9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801475
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 3

SEX: Male

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 3

SEX: Male

DAY ON TEST: 231

DOSE: 100 ppm

DISP: Natural Death

HISTO: 0801477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
Penis	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex Note: Infarction secondary to metastatic Neoplasia.		Hemangiosarcoma	Metastatic (Heart)
* Adrenal Medulla Blood Vessel Note: Mesenteric artery affected in section with mesenteric lymph node (B05).		Hemangiosarcoma Inflammation	Metastatic (Heart) Moderate
* Bone Marrow		Hyperplasia	Mild
* Brain		Hemangiosarcoma	Metastatic (Heart)
* Heart [Hemangiosarcoma TGLS = 6 - 12]		Hemangiosarcoma	
* Kidney		Hemangiosarcoma	Metastatic (Heart)
* Liver [Hemangiosarcoma TGLS = 5 - 11]		Hemangiosarcoma Hematopoietic Cell Proliferation	Metastatic (Heart) Metastatic (Heart) Minimal
* Lung		Hemangiosarcoma	Metastatic (Heart)
* Lymph Node, Mesenteric		Atrophy	Marked
* Nose Septum		Hyalinization	Mild
* Pancreas Note: TGL= 2 is NCL (No Corresponding Lesion) [Hemangiosarcoma TGLS = 3 - 10]		Hemangiosarcoma	Metastatic (Heart)
Penis Note: No corresponding lesion for TGL-1. Tissue is microscopically normal.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 3 DOSE: 100 ppm	SEX: Male DISP: Natural Death	DAY ON TEST: 231 HISTO: 0801477
----------------------	--	--	--

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle [Hemangiosarcoma TGLS = 4 - 7]		Hemangiosarcoma	Metastatic (Heart)
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Mild Moderate
* Testes		Hemangiosarcoma	Metastatic (Heart)
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Heart Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 3

SEX: Male

DAY ON TEST: 277

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801479
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Glandular	Glands	Cyst	Minimal
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52

TRT#: 5

SEX: Male

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 5

SEX: Male

DAY ON TEST: 277

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Preputial GI			
Note: Both preputial glands are infiltrated by the tumor from the skin.			
* Skin	Subcut Tiss	Sarcoma	
Note: Features suggestive of muscle origin.			
[Sarcoma TGLS = 1 - 9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801482
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 5

SEX: Male

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Inflammation

Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 1 - 9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801484
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801485
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 5	SEX: Male	DAY ON TEST: 276
	DOSE: 300 ppm	DISP: Terminal Sacrifice	HISTO: 0801486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Femur	Osteoma	
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 5

SEX: Male

DAY ON TEST: 277

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Inflammation	Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 1 - 4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801488
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 5	SEX: Male	DAY ON TEST: 277
	DOSE: 300 ppm	DISP: Terminal Sacrifice	HISTO: 0801489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801490
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801491
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 5	SEX: Male	DAY ON TEST: 277
	DOSE: 300 ppm	DISP: Terminal Sacrifice	HISTO: 0801492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 5

SEX: Male

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Stom Forestom

Note: Peculiar section of limiting ridge surrounded by glandular stomach = interpreted to be sectioning (plane of section) artifact.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66

TRT#: 5

SEX: Male

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801495
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 5

SEX: Male

DAY ON TEST: 277

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver

Basophilic Focus
Hepatocellular Adenoma
Mixed Cell Focus

[Hepatocellular Adenoma TGLS = 1 - 9]

[Mixed Cell Focus TGLS = 2 - 9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 5	SEX: Male	DAY ON TEST: 276
	DOSE: 300 ppm	DISP: Terminal Sacrifice	HISTO: 0801497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Nose	Inflammation	Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 5

SEX: Male

DAY ON TEST: 277

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801499
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801500
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland	Epithelium	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801501
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Basophilic Focus Hepatocellular Adenoma Inflammation	Chronic Active, Minimal
Note: Part of TGL-1 or -2 is also evident on B03. [Basophilic Focus TGLS = 1 - 9] [Hepatocellular Adenoma TGLS = 2 - 9]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 5 DOSE: 300 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801502
----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Lung	Alveolar/Bronchiolar Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 5

SEX: Male

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Liver	Hepatocellular Adenoma Inflammation	Chronic Active, Minimal
---------	--	-------------------------

Note: Liver necrosis in B03 considered secondary to tumor.

[Hepatocellular Adenoma TGLS = 1 - 3+9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76	TRT#: 7	SEX: Male	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 7

SEX: Male

DAY ON TEST: 277

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78	TRT#: 7	SEX: Male	DAY ON TEST: 277
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Clear Cell Focus	Chronic Active, Minimal
	Inflammation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 7

SEX: Male

DAY ON TEST: 277

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 7	SEX: Male	DAY ON TEST: 277
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 7	SEX: Male	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Maxilla	Osteosarcoma	
[Osteosarcoma TGLS = 1 - 1]			
* Liver		Fibrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82

TRT#: 7

SEX: Male

DAY ON TEST: 277

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular	Atrophy	Moderate
* Prostate	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 7	SEX: Male	DAY ON TEST: 277
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
	Mixed Cell Focus	

[Mixed Cell Focus TGLS = 1 - 9]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 7	SEX: Male	DAY ON TEST: 277
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 7	SEX: Male	DAY ON TEST: 277
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 7	SEX: Male	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87	TRT#: 7	SEX: Male	DAY ON TEST: 277
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88	TRT#: 7	SEX: Male	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Inflammation	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 7

SEX: Male

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 7

SEX: Male

DAY ON TEST: 277

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 7

SEX: Male

DAY ON TEST: 277

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Bone [Osteosarcoma TGLS = 1 - 1]	Maxilla	Osteosarcoma	
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 7

SEX: Male

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Minimal
	Medulla	Hyperplasia	Lymphoid, Mild

Note: Cortex is atrophic, however, the medulla is hyperplastic.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 7

SEX: Male

DAY ON TEST: 277

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Maxilla	Osteosarcoma	
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose			

Note: Respiratory gland inflammation and hyperplasia are considered secondary to the osteosarcoma arising above the tooth.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 7 DOSE: 1000 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801522
----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 7	SEX: Male	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
	Necrosis	Minimal
* Stomach, Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96	TRT#: 7	SEX: Male	DAY ON TEST: 277
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 7	SEX: Male	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Degeneration	Cystic, Mild
---------	--------------	--------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 7	SEX: Male	DAY ON TEST: 277
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Thymus	Epithel Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 7	SEX: Male	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Atrophy	Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 7

SEX: Male

DAY ON TEST: 277

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Hyperplasia
		Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Bone	Maxilla	Osteosarcoma	
Note: Osteosarcoma in nasal section (B01). [Osteosarcoma TGLS = 1 - 1]			
* Liver		Hepatocellular Adenoma Mixed Cell Focus	Multiple
[Hepatocellular Adenoma TGLS = 2,3 - 9+10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 9

SEX: Male

DAY ON TEST: 266

DOSE: 3000 ppm

DISP: Natural Death

HISTO: 0801531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Spleen	* Thymus		

OBSERVATIONS

* Nose	Septum	Hyalinization	Minimal
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Cortex	Cyst	Minimal
* Liver		Nephropathy	Minimal
* Skin		Inflammation	Chronic Active, Minimal
		Hemangioma	

[Hemangioma TGLS = 1 - 9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
----------	---------	-------------	-------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Carcinoma TGLS = 1 - 9]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver	Kupffer Cell	Hyperplasia	Multifocal, Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 9

SEX: Male

DAY ON TEST: 256

DOSE: 3000 ppm

DISP: Natural Death

HISTO: 0801540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Spleen
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Embolus Bacterial	
* Bone	Vertebra	Osteosarcoma	
[Osteosarcoma TGLS = 1 - 9]			
* Epididymis	Epithelium	Karyomegaly	Minimal
* Heart		Mineralization	Minimal
* Kidney		Inflammation	Moderate
		Necrosis	Moderate
* Lung		Thrombosis	Minimal
* Nose	Septum	Hyalinization	Moderate
* Prostate		Inflammation	Marked
* Urinary Bladder		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Bone Vertebra Osteosarcoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland		Hyperplasia	Marked
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114	TRT#: 9	SEX: Male	DAY ON TEST: 276
	DOSE: 3000 ppm	DISP: Terminal Sacrifice	HISTO: 0801542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115	TRT#: 9 DOSE: 3000 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801543
-----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Inflammation

Chronic Active, Minimal

[Hepatocellular Adenoma TGLS = 1 - 9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118	TRT#: 9	SEX: Male	DAY ON TEST: 276
	DOSE: 3000 ppm	DISP: Terminal Sacrifice	HISTO: 0801546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Thymus	Cortex	Hyperplasia	Lymphoid, Mild
----------	--------	-------------	----------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Eosinophilic Focus Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith Glands, Respirat Epith	Cyst Hyperplasia	Minimal Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120	TRT#: 9 DOSE: 3000 ppm	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 277 HISTO: 0801548
-----------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Prostate
* Spleen
* Thymus

Blood Vessel
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney
* Liver

Nephropathy
Inflammation

Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Duodenum		Ectopic Tissue	
Note: Ectopic Pancreatic Tissue in Submucosa.			
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 9

SEX: Male

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Lymph Node, Mandibular	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 9

SEX: Male

DAY ON TEST: 277

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126	TRT#: 11	SEX: Male	DAY ON TEST: 277
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1 - 9]		
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 11	SEX: Male	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Mild
* Preputial Gland	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129	TRT#: 11	SEX: Male	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Inflammation	Mild
	Epithelium	Karyomegaly	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 11

SEX: Male

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Nose	Septum	Hyalinization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland	Epithelium	Hyperplasia	Minimal
* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland		Ectasia	Mild

[Ectasia TGLS = 1 - 8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland	Epithelium	Hyperplasia	Moderate
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Bone		Hyperostosis	Mild
Coagulating Gland	Epithelium	Hyperplasia	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139

TRT#: 11

SEX: Male

DAY ON TEST: 277

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 11

SEX: Male

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141	TRT#: 11	SEX: Male	DAY ON TEST: 277
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Nose	Septum	Hyalinization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 11

SEX: Male

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis	Epithelium	Karyomegaly	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Basophilic Focus	
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143	TRT#: 11	SEX: Male	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144	TRT#: 11	SEX: Male	DAY ON TEST: 277
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Intestine Large, Rectum	Epithelium	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145	TRT#: 11	SEX: Male	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Preputial Gland
-----------------	-------------------

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 10,000 ppm

DISP: Natural Death

HISTO: 0801574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Preputial Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Kidney		Inflammation	Marked
	Papilla	Necrosis	Marked
[Inflammation TGLS = 1,2 - 4]			
* Nose	Septum	Hyalinization	Minimal
* Prostate		Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Infiltration Cellular	Plasma Cell, Mild
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Mild

PRIMARY CAUSE OF DEATH

- Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 11

SEX: Male

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Jejunum	* Mammary Gland
----------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Basophilic Focus	
		[Basophilic Focus TGLS = 1 - 9]	
* Nose	Septum	Hyalinization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 11

SEX: Male

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Necrosis	Mild
[Necrosis TGLS = 1,2 - 9]			
* Nose	Septum	Hyalinization	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149	TRT#: 11	SEX: Male	DAY ON TEST: 277
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose	Septum	Hyalinization	Moderate
* Preputial Gland	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150	TRT#: 11	SEX: Male	DAY ON TEST: 277
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Epididymis	Epithelium	Karyomegaly	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Nose	Septum	Hyalinization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 275
HISTO: 0801579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
----------	-------------	-------------	-----------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 275
HISTO: 0801580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Necrosis	Focal, Minimal
* Nose	Septum	Hyalinization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 275
HISTO: 0801581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801582
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2 - 10]			
* Nose	Septum	Hyalinization	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1 - 9]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 276
HISTO: 0801583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Nose	Septum	Hyalinization	Minimal
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801584
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 275 HISTO: 0801585
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 275
HISTO: 0801586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
* Nose	Septum	Hyalinization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801587
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801588
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Mild
* Ovary		Atrophy	Mild
* Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 275
HISTO: 0801589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Septum	Hyalinization	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 2

SEX: Female

DAY ON TEST: 225

DOSE: 0 ppm

DISP: Moribund Sacrifice

HISTO: 0801590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone	Vertebra	Osteosarcoma	
[Osteosarcoma TGLS = 1 - 10]			
* Bone Marrow		Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Minimal
Peripheral Nerve		Degeneration	Moderate
Spinal Cord	Nerve	Degeneration	Moderate
Note: Degeneration in dorsal nerve roots, bilaterally, caused clinically-observed paralysis.			
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Bone Vertebra Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801591
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 275
HISTO: 0801592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165	TRT#: 2	SEX: Female	DAY ON TEST: 267
	DOSE: 0 ppm	DISP: Moribund Sacrifice	HISTO: 0801593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
* Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Renal	Granulosa Cell Tumor Malignant	Metastatic (Ovary)
[Granulosa Cell Tumor Malignant TGLS = 3 - 10]			
* Lymph Node, Mesenteric		Atrophy	Marked
* Nose	Septum	Hyalinization	Minimal
* Ovary		Granulosa Cell Tumor Malignant	
[Granulosa Cell Tumor Malignant TGLS = 1 - 9]			
Peritoneum		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
* Spleen	Lymph Follic	Atrophy	Mild
[Hematopoietic Cell Proliferation TGLS = 2 - 4]		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Ovary Granulosa Cell Tumor Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 276
HISTO: 0801594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 275 HISTO: 0801595
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 276
HISTO: 0801596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 276
HISTO: 0801597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Nose	Septum	Hyalinization	Mild
* Ovary		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 275 HISTO: 0801598
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Nose	Septum	Hyalinization	Minimal
* Stomach, Glandular	Glands	Cyst	
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 275 HISTO: 0801599
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Clitoral Gland

OBSERVATIONS

* Nose	Septum	Hyalinization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 276
HISTO: 0801600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
---------	--------------	-------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 2
DOSE: 0 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 276
HISTO: 0801601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
* Ovary	Atrophy	Minimal
	Cystadenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174	TRT#: 2 DOSE: 0 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801602
-----------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 276
DOSE: 0 ppm **DISP:** Terminal Sacrifice **HISTO:** 0801603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone	Rib	Callus	
		Osteosarcoma	
Note: TGL-2 includes poorly organized bone and cartilage and most likely represents a fractured caudal vertebra.			
[Callus TGLS = 2 - 10]			
[Osteosarcoma TGLS = 1 - 9]			
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Ectasia	Mild
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 4

SEX: Female

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
----------	-------------	-------------	-----------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Lung	Artery	Infiltration Cellular	Mixed Cell, Moderate
* Lymph Node, Mandibular		Infiltration Cellular	Mast Cell, Mild
Oral Mucosa			
Note: Mild inflammation (chronic) is present in the submucosa above the hard palate (B01).			
* Ovary		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone	Maxilla	Osteosarcoma
--------	---------	--------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180	TRT#: 4	SEX: Female	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181	TRT#: 4 DOSE: 100 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801609
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Nephropathy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 4

SEX: Female

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183	TRT#: 4	SEX: Female	DAY ON TEST: 276
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Ovary		Angiectasis	Moderate
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185	TRT#: 4	SEX: Female	DAY ON TEST: 275
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
* Thyroid Gland		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186	TRT#: 4	SEX: Female	DAY ON TEST: 275
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 4

SEX: Female

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
* Ovary	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 4

SEX: Female

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192	TRT#: 4	SEX: Female	DAY ON TEST: 275
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose		Inflammation	Minimal
* Ovary		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 4

SEX: Female

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195	TRT#: 4	SEX: Female	DAY ON TEST: 275
	DOSE: 100 ppm	DISP: Terminal Sacrifice	HISTO: 0801623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 261
DOSE: 100 ppm **DISP:** Moribund Sacrifice **HISTO:** 0801624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Gallbladder		Histiocytic Sarcoma	
* Heart		Embolus Tumor	
* Intestine Small, Duodenum		Histiocytic Sarcoma	
* Intestine Small, Jejunum		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2 - 3+4+5+10]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5 - 12]			
[Histiocytic Sarcoma TGLS = 4 - 11]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Nose	Septum	Hyalinization	Minimal
* Ovary	Bilateral	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3 - 7]			
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1 - 9]			
* Stomach, Forestomach		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 4

SEX: Female

DAY ON TEST: 261

DOSE: 100 ppm

DISP: Moribund Sacrifice

HISTO: 0801624

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Histiocytic Sarcoma

* Thymus

Histiocytic Sarcoma

Tooth

Histiocytic Sarcoma

* Uterus

Histiocytic Sarcoma

PRIMARY CAUSE OF DEATH

- Spleen Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 4

SEX: Female

DAY ON TEST: 276

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Ovary	Cyst	Minimal
---------	------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 4

SEX: Female

DAY ON TEST: 275

DOSE: 100 ppm

DISP: Terminal Sacrifice

HISTO: 0801627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 4

SEX: Female

DAY ON TEST: 221

DOSE: 100 ppm

DISP: Moribund Sacrifice

HISTO: 0801628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone	Tibia	Osteosarcoma	
[Osteosarcoma TGLS = 1 - 9]			
* Bone Marrow		Hyperplasia	Moderate
* Lung		Osteosarcoma	Metastatic (Bone)
Note: Possible metastasis from osteosarcoma, although morphology is not quite the same as in primary mass (TGL-1).			
* Nose	Septum	Hyalinization	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Bone Tibia Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
----------	---------	-------------	-------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose	Septum	Hyalinization	Mild
* Ovary		Mineralization	Minimal
		Pigmentation	Hemosiderin, Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 6

SEX: Female

DAY ON TEST: 232

DOSE: 300 ppm

DISP: Moribund Sacrifice

HISTO: 0801631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone	Vertebra	Osteosarcoma	
* Nose	Septum	Hyalinization	Mild
Spinal Cord		Degeneration	Moderate
Note: The spinal cord degeneration is secondary to osteosarcoma of vertebral body and is responsible for the clinically-observed paralysis.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Bone Vertebra Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia Inflammation	Minimal Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
----------	-------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208	TRT#: 6	SEX: Female	DAY ON TEST: 275
	DOSE: 300 ppm	DISP: Terminal Sacrifice	HISTO: 0801636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Intestine Small, Jejunum [Diverticulum TGLS = 1 - 9]	Diverticulum	
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
----------	-------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Olfactory Epi	Dilatation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211

TRT#: 6
DOSE: 300 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 276
HISTO: 0801639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Ovary		Atrophy	Mild
* Stomach, Glandular	Glands	Cyst	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lymph Node, Mesenteric		Atrophy	Mild
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
--------	------------------------	-------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Urinary Bladder	Infiltration Cellular	Lymphocyte, Mild
-------------------	-----------------------	------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lymph Node, Mandibular

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney	Nephropathy	Minimal
----------	-------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
--------	------------------------	-------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221

TRT#: 6
DOSE: 300 ppm

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 275
HISTO: 0801649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lymph Node, Mesenteric		Atrophy	Mild
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
----------	-------------	-------------	-----------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 6

SEX: Female

DAY ON TEST: 275

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Urinary Bladder	Infiltration Cellular	Lymphocyte, Mild
-------------------	-----------------------	------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224

TRT#: 6

SEX: Female

DAY ON TEST: 276

DOSE: 300 ppm

DISP: Terminal Sacrifice

HISTO: 0801652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Ovary		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 6

SEX: Female

DAY ON TEST: 246

DOSE: 300 ppm

DISP: Moribund Sacrifice

HISTO: 0801653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Kidney		Mineralization	Minimal
* Liver		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Septum	Hyalinization	Minimal
* Ovary		Lymphoma Malignant	
* Pituitary Gland			
Note: TGL-2 appearance of a nodule was due to agonal hemorrhage into Rathkes cleft of the pituitary, and was not a lesion (i.e., = NCL).			
Spinal Cord		Degeneration	Mild
Note: Clinically-evident paralysis was due to pressure from lymphoma within the spinal canal, infiltrating from the vertebral bone marrow.			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1 - 4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

- Bone Marrow Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 8

SEX: Female

DAY ON TEST: 275

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Atrophy	Marked
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose		Inflammation	Minimal
* Ovary		Cyst	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229

TRT#: 8

SEX: Female

DAY ON TEST: 275

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Liver	Infiltration Cellular	Mixed Cell, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230	TRT#: 8	SEX: Female	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 8

SEX: Female

DAY ON TEST: 275

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 8

SEX: Female

DAY ON TEST: 209

DOSE: 1000 ppm

DISP: Moribund Sacrifice

HISTO: 0801660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone	Vertebra	Osteosarcoma	
* Liver		Tension Lipidosis	
* Nose	Septum	Hyalinization	Minimal
Spinal Cord		Degeneration	Moderate
Note: Spinal cord degeneration was due to the vertebral osteosarcoma and was the cause of the clinically-evident paralysis.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Bone Vertebra Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233

TRT#: 8

SEX: Female

DAY ON TEST: 275

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234	TRT#: 8	SEX: Female	DAY ON TEST: 275
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235	TRT#: 8	SEX: Female	DAY ON TEST: 275
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 8

SEX: Female

DAY ON TEST: 275

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238

TRT#: 8

SEX: Female

DAY ON TEST: 275

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 1 - 9]			
* Ovary		Atrophy	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240	TRT#: 8	SEX: Female	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241	TRT#: 8	SEX: Female	DAY ON TEST: 276
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Ovary		Cyst	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243	TRT#: 8	SEX: Female	DAY ON TEST: 275
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Ovary		Cyst	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Intestine Small, Jejunum
[Diverticulum TGLS = 1 - 9]

Diverticulum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
--------	------------------------	-------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 8

SEX: Female

DAY ON TEST: 275

DOSE: 1000 ppm

DISP: Terminal Sacrifice

HISTO: 0801674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 8

SEX: Female

DAY ON TEST: 221

DOSE: 1000 ppm

DISP: Moribund Sacrifice

HISTO: 0801675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone	Vertebra	Osteosarcoma	
* Bone Marrow		Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Mild
* Lymph Node, Mesenteric		Inflammation	Suppurative, Moderate
* Nose	Septum	Hyalinization	Minimal
* Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spinal Cord		Degeneration	Marked
Note: Degeneration of white and grey matter was secondary to thoracic vertebral osteosarcoma, and was the cause of the clinically-observed paralysis.			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- Bone Vertebra Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248	TRT#: 8	SEX: Female	DAY ON TEST: 275
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 8

SEX: Female

DAY ON TEST: 204

DOSE: 1000 ppm

DISP: Natural Death

HISTO: 0801677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Thymus
-----------------------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone	Maxilla	Osteosarcoma	
[Osteosarcoma TGLS = 1 - 1]			
* Heart	Valve	Thrombosis	Moderate
Note: Septic thrombosis affects aortic valve.			
* Nose		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH	- Bone Maxilla Osteosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Valve Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250	TRT#: 8	SEX: Female	DAY ON TEST: 275
	DOSE: 1000 ppm	DISP: Terminal Sacrifice	HISTO: 0801678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Stomach, Glandular	Glands	Cyst	Minimal
	Epithelium	Metaplasia	Squamous, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251	TRT#: 10	SEX: Female	DAY ON TEST: 276
	DOSE: 3000 ppm	DISP: Terminal Sacrifice	HISTO: 0801679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 10

SEX: Female

DAY ON TEST: 269

DOSE: 3000 ppm

DISP: Moribund Sacrifice

HISTO: 0801680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Bone		Fibro-Osseous Lesion	
* Bone Marrow		Necrosis	Mild
* Heart	Epicardium	Inflammation	Mild
* Liver		Lymphoma Malignant	
* Lung	Serosa	Inflammation	Mild
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland	Duct	Ectasia	Mild
* Nose	Septum	Hyalinization	Minimal
* Ovary		Atrophy	Mild
* Pancreas		Atrophy	Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1 - 9]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 10

SEX: Female

DAY ON TEST: 141

DOSE: 3000 ppm

DISP: Moribund Sacrifice

HISTO: 0801682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Nose	Septum	Hyalinization	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Peripheral nerve (sciatic) and spinal cord were examined because this mouse had clinically-evident paralysis.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Ovary		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259

TRT#: 10

SEX: Female

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261

TRT#: 10

SEX: Female

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262

TRT#: 10

SEX: Female

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 10

SEX: Female

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Infiltration Cellular	Lymphocyte, Mild
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 10

SEX: Female

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 10

SEX: Female

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Urinary Bladder	Transit Epithe	Vacuolization Cytoplasmic	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 10

SEX: Female

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Lymph Node, Mesenteric	Atrophy	Mild
* Spleen	Hematopoietic Cell Proliferation	Mild

[Hematopoietic Cell Proliferation TGLS = 1- 4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
----------	-------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270	TRT#: 10	SEX: Female	DAY ON TEST: 71
	DOSE: 3000 ppm	DISP: Natural Death	HISTO: 0801698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose	Septum	Hyalinization	Minimal
--------	--------	---------------	---------

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271	TRT#: 10	SEX: Female	DAY ON TEST: 276
	DOSE: 3000 ppm	DISP: Terminal Sacrifice	HISTO: 0801699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
* Stomach, Glandular	Epithelium	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 10

SEX: Female

DAY ON TEST: 276

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 10

SEX: Female

DAY ON TEST: 275

DOSE: 3000 ppm

DISP: Terminal Sacrifice

HISTO: 0801703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Nose	Glands, Respirat Epith	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276

TRT#: 12

SEX: Female

DAY ON TEST: 264

DOSE: 10,000 ppm

DISP: Moribund Sacrifice

HISTO: 0801704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Osteosarcoma	
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Minimal
Spinal Cord		Degeneration	Marked
Note: Spinal cord degeneration was secondary to the vertebral osteosarcoma and was the cause of the clinically-observed paralysis.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277	TRT#: 12	SEX: Female	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
* Mammary Gland	Duct	Ectasia	Minimal
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 12

SEX: Female

DAY ON TEST: 275

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 12

SEX: Female

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280

TRT#: 12

SEX: Female

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
--------------------------	------------	-------------	------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281	TRT#: 12 DOSE: 10,000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 276 HISTO: 0801709
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282	TRT#: 12	SEX: Female	DAY ON TEST: 275
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
Note: Intra-osseous tumor starting within the femur.			
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 12

SEX: Female

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284	TRT#: 12	SEX: Female	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Intestine Large, Rectum	Epithelium	Hyperplasia	Minimal
* Nose	Septum	Hyalinization	Mild
* Ovary		Cyst	

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285

TRT#: 12

SEX: Female

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone [Osteosarcoma TGLS = 5 - 13]	Femur	Osteosarcoma	
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Lung [Osteosarcoma TGLS = 1,2,3,4 - 9+10+11+12]		Osteosarcoma	Metastatic (Bone)
* Nose		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286	TRT#: 12	SEX: Female	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287	TRT#: 12	SEX: Female	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288

TRT#: 12

SEX: Female

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Septum	Hyalinization	Mild
* Ovary		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 12

SEX: Female

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Mild
* Salivary Glands		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290

TRT#: 12

SEX: Female

DAY ON TEST: 275

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291	TRT#: 12	SEX: Female	DAY ON TEST: 275
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292	TRT#: 12	SEX: Female	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Gallbladder		Inflammation	Mild
* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
* Nose	Septum	Hyalinization	Mild
* Ovary		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293	TRT#: 12	SEX: Female	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294	TRT#: 12 DOSE: 10,000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 275 HISTO: 0801722
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Ovary		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 12

SEX: Female

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296	TRT#: 12	SEX: Female	DAY ON TEST: 276
	DOSE: 10,000 ppm	DISP: Terminal Sacrifice	HISTO: 0801724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum	Epithelium	Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297	TRT#: 12 DOSE: 10,000 ppm	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 275 HISTO: 0801725
-----------------------	--	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Nose	Septum	Hyalinization	Mild
* Thymus		Atrophy	Minimal
	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 12

SEX: Female

DAY ON TEST: 276

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Kidney		Hyperplasia	Lymphoid, Minimal
* Nose	Septum	Hyalinization	Mild
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299 **TRT#:** 12 **SEX:** Female **DAY ON TEST:** 276
DOSE: 10,000 ppm **DISP:** Terminal Sacrifice **HISTO:** 0801727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain		Olfactory Neuroblastoma	Metastatic (Nose)
Note: Tumor is marked as metastatic but probably entered brain via direct extension through the cribriform plate.			
[Olfactory Neuroblastoma TGLS = 1 - 9]			
* Intestine Large, Cecum	Epithelium	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Neuroblastoma Malignant	
[Neuroblastoma Malignant TGLS = 2 - 1]			
* Thymus	Medulla	Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20101-02
Test Type: 26-39 WEEKS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/19/2014
Time Report Requested: 07:45:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 12

SEX: Female

DAY ON TEST: 275

DOSE: 10,000 ppm

DISP: Terminal Sacrifice

HISTO: 0801728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Large, Colon	Epithelium	Hyperplasia	Moderate
* Nose	Septum	Hyalinization	Minimal
* Ovary		Atrophy	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE