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# P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Transgenic model evaluation (Ethynyl estradiol)  
**CAS Number:** 57-63-6

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**FVB/N Mouse Male**  
**0 UG/KG**

## Alimentary System
- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

## Cardiovascular System
- NONE

## Endocrine System
- NONE

## General Body System
- NONE

## Genital System
- NONE

## Hematopoietic System
- NONE

## Integumentary System
- Skin: + + + + + 5

## Musculoskeletal System
- NONE

## Nervous System
- NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
Experiment Number: 97011-11  
Test Type: 14-DAY  
Route: SKIN APPLICATION  
Species/Strain: Mouse/FVB/N

Test Compound: Transgenic model evaluation (Ethynyl estradiol)  
CAS Number: 57-63-6

Date Report Requested: 10/22/2014  
Time Report Requested: 01:50:12  
First Dose M/F: NA / NA  
Lab: BAT

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

FVB/N Mouse Male  
0 UG/KG

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*TOTALS

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + 5

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
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**Test Compound:** Transgenic model evaluation (Ethinyl estradiol)  
**CAS Number:** 57-63-6

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**Alimentary System**
- Liver: + + + + + = 5
- Stomach, Forestomach: + + + + + = 5

**Cardiovascular System**
- NONE

**Endocrine System**
- NONE

**General Body System**
- NONE

**Genital System**
- NONE

**Hematopoietic System**
- NONE

**Integumentary System**
- Skin: + + + + + = 5

**Musculoskeletal System**
- NONE

**Nervous System**
- NONE

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
I ..Insufficient tissue
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Route: SKIN APPLICATION  
Species/Strain: Mouse/FVB/N  

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*TOTALS

- **NONE**
- **Respiratory System** - NONE
- **Special Senses System** - NONE
- **Urinary System** - NONE
- **SYSTEMIC LESIONS**
  - Multiple Organ: + + + + + 5

*..Total animals with tissue examined microscopically; Total animals with tumor  
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I..Insufficient tissue  
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**Species/Strain:** Mouse/FVB/N

**Test Compound:** Transgenic model evaluation (Ethinyl estradiol)  
**CAS Number:** 57-63-6

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 01:50:12

**First Dose M/F:** NA / NA  
**Lab:** BAT

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**FVB/N Mouse Male**  
**60 UG/KG**

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### Alimentary System

- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

### Cardiovascular System

NONE

### Endocrine System

NONE

### General Body System

NONE

### Genital System

NONE

### Hematopoietic System

NONE

### Integumentary System

- Skin: + + + + + 5

### Musculoskeletal System

NONE

### Nervous System

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
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X ..Lesion present  
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None
Respiratory System
NONE
Special Senses System
NONE
Urinary System
NONE
SYSTEMIC LESIONS

Multiple Organ + + + + + 5

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M ..Missing tissue
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## P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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### FVB/N Mouse Male

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### Alimentary System

- **Liver**
  - + + + + +
  - Total: 5

- **Stomach, Forestomach**
  - + + + + +
  - Total: 5

### Cardiovascular System

NONE

### Endocrine System

NONE

### General Body System

NONE

### Genital System

NONE

### Hematopoietic System

NONE

### Integumentary System

- **Skin**
  - + + + + +
  - Total: 5

### Musculoskeletal System

NONE

### Nervous System

NONE

---

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*TOTALS

**NONE**

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + 5

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### FVB/N Mouse Male

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*TOTALS*

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### Alimentary System

- Liver: + + + + + 5
- Stomach, Forestomach: + + + + + 5

### Cardiovascular System

NONE

### Endocrine System

NONE

### General Body System

NONE

### Genital System

NONE

### Hematopoietic System

NONE

### Integumentary System

Skin: + + + + + 5

### Musculoskeletal System

NONE

### Nervous System

---

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*TOTALS*

**Respiratory System**
- NONE

**Special Senses System**
- NONE

**Urinary System**
- NONE

**SYSTEMIC LESIONS**

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* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
Experiment Number: 97011-11
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

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*TOTALS

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<td>Integumentary System</td>
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<td>Nervous System</td>
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*..Total animals with tissue examined microscopically; Total animals with tumor
+..Tissue examined microscopically
X..Lesion present
I..Insufficient tissue
M..Missing tissue
A..Autolysis precludes evaluation
BLANK..Not examined microscopically
Experiment Number: 97011-11
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

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FVB/N Mouse Male
360 UG/KG

ANIMAL ID

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*TOTALS

NONE
Respiratory System
NONE
Special Senses System
NONE
Urinary System
NONE
SYSTEMIC LESIONS
NONE
Multiple Organ

5

***END OF MALE DATA***
**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Transgenic model evaluation (Ethynyl estradiol)  
**CAS Number:** 57-63-6

**Experiment Number:** 97011-11  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/FVB/N  
**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 01:50:13  
**First Dose M/F:** NA / NA  
**Lab:** BAT

### Alimentary System
- Liver: + + + + + 5
- Stomach, Forestromach: + + + + + 5

### Cardiovascular System
- NONE

### Endocrine System
- NONE

### General Body System
- NONE

### Genital System
- NONE

### Hematopoietic System
- NONE

### Integumentary System
- Skin: + + + + + 5

### Musculoskeletal System
- NONE

### Nervous System
- NONE

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* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
A ..Autolysis precludes evaluation  
BLANK ..Not examined microscopically  
X ..Lesion present  
I ..Insufficient tissue
Experiment Number: 97011-11  
Test Type: 14-DAY  
Route: SKIN APPLICATION  
Species/Strain: Mouse/FVB/N

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**Total Systemic Lesions**  
- Multiple Organ: + + + + +  
- Total: 5

- **Respiratory System**: NONE  
- **Special Senses System**: NONE  
- **Urinary System**: NONE

* ..Total animals with tissue examined microscopically; Total animals with tumor  
M ..Missing tissue  
+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
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BLANK ..Not examined microscopically
Experiment Number: 97011-11
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Transgenic model evaluation (Ethinyl estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/22/2014
Time Report Requested: 01:50:13
First Dose M/F: NA / NA
Lab: BAT

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FVB/N Mouse Female
30 UG/KG

ANIMAL ID

Liver + + + + + 5
Stomach, Forestomach + + + + + 5

Cardiovascular System
NONE

Endocrine System
NONE

General Body System
NONE

Genital System
NONE

Hematopoietic System
NONE

Integumentary System
Skin + + + + + 5

Musculoskeletal System
NONE

Nervous System

* ..Total animals with tissue examined microscopically; Total animals with tumor
M ..Missing tissue
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A ..Autolysis precludes evaluation
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**Experiment Number:** 97011-11  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/FVB/N  
**Test Compound:** Transgenic model evaluation (Ethynyl estradiol)  
**CAS Number:** 57-63-6  
**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 01:50:13  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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| ANIMAL ID   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**FVB/N Mouse Female**  
**30 UG/KG**

| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**TOTALS**

**Respiratory System**

**NONE**

**Special Senses System**

**NONE**

**Urinary System**

**NONE**

**SYSTEMIC LESIONS**

**Multiple Organ**

+ + + + + 5

---

* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Transgenic model evaluation (Ethyl estradiol)
**CAS Number:** 57-63-6

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**FVB/N Mouse Female**
**60 UG/KG**

**ANIMAL ID**
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4 4 4 4 4
4 4 4 4 4
1 2 3 4 5

*TOTALS*

**Alimentary System**
- Liver: + + + + + (5)
- Stomach, Foregut: + + + + + (5)

**Cardiovascular System**
NONE

**Endocrine System**
NONE

**General Body System**
NONE

**Genital System**
NONE

**Hematopoietic System**
NONE

**Integumentary System**
- Skin: + + + + + (5)

**Musculoskeletal System**
NONE

**Nervous System**

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
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M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Page 18
**P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)**

**Test Compound:** Transgenic model evaluation (Ethynyl estradiol)

**CAS Number:** 57-63-6

**Experiment Number:** 97011-11

**Test Type:** 14-DAY

**Route:** SKIN APPLICATION

**Species/Strain:** Mouse/FVB/N

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 01:50:13

**First Dose M/F:** NA / NA

**Lab:** BAT

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**Systemic Lesions**

**Multiple Organ**

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**Respiratory System**

**NONE**

**Special Senses System**

**NONE**

**Urinary System**

**NONE**

**Systemic Lesions**

**Multiple Organ**

+ + + + + 5

---

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I ..Insufficient tissue
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**FVB/N Mouse Female**

**120 UG/KG**

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*TOTALS*

### Alimentary System

- **Liver**: + + + + +
- **Stomach, Foregut**: + + + + +

### Cardiovascular System

**NONE**

### Endocrine System

**NONE**

### General Body System

**NONE**

### Genital System

**NONE**

### Hematopoietic System

**NONE**

### Integumentary System

- **Skin**: + + + + +

### Musculoskeletal System

**NONE**

### Nervous System

**NONE**

---

* *Total animals with tissue examined microscopically; Total animals with tumor
  + *Tissue examined microscopically
  X *Lesion present
  I *Insufficient tissue
  M *Missing tissue
  A *Autolysis precludes evaluation
  BLANK *Not examined microscopically

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**TOTALS**

| SYSTEMIC LESIONS | 5
|------------------|---
| Multiple Organ   | + + + + +

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+ ..Tissue examined microscopically
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BLANK ..Not examined microscopically
Experiment Number: 97011-11
Test Type: 14-DAY
Route: SKIN APPLICATION
Species/Strain: Mouse/FVB/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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FVB/N Mouse Female
180 UG/KG

**ANIMAL ID**

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**Alimentary System**

- Liver + + + + + 5
- Stomach, Forestomach + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

Skin + + + + + 5

**Musculoskeletal System**

NONE

**Nervous System**


* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
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BLANK ..Not examined microscopically
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*TOTALS

**SYSTEMIC LESIONS**

- Multiple Organ: + + + + + 5

---

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically
**Experiment Number:** 97011-11  
**Test Type:** 14-DAY  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/FVB/N

**Test Compound:** Transgenic model evaluation (Ethyl estadiol)  
**CAS Number:** 57-63-6

---

**FVB/N Mouse Female**  
360 UG/KG

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**ANIMAL ID**  
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**Alimentary System**

- Liver + + + + + 5  
- Stomach, Forestomach + + + + + 5

**Cardiovascular System**  
NONE

**Endocrine System**  
NONE

**General Body System**  
NONE

**Genital System**  
NONE

**Hematopoietic System**  
NONE

**Integumentary System**

- Skin + + + + + 5

**Musculoskeletal System**  
NONE

**Nervous System**

---

*..Total animals with tissue examined microscopically; Total animals with tumor  
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+ ..Tissue examined microscopically  
A ..Autolysis precludes evaluation  
X ..Lesion present  
BLANK ..Not examined microscopically  
I ..Insufficient tissue

---

Page 24
P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Transgenic model evaluation (Ethynyl estradiol)

**CAS Number:** 57-63-6

**Species/Strain:** Mouse/FVB/N

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**FVB/N Mouse Female**

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*TOTALS

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

**SYSTEMIC LESIONS**

- **Multiple Organ**
  - + + + + +
  - 5

**END OF REPORT**

* ..Total animals with tissue examined microscopically; Total animals with tumor
  + ..Tissue examined microscopically
  X ..Lesion present
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