

TDMS No. 20201 - 01
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: MICE/TG.AC HEMI

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
TEF TRANSGENICS (TCDD)
CAS Number: 1746-01-6

Date Report Reqsted: 06/14/2006
Time Report Reqsted: 13:12:56
First Dose M/F: NA / 04/21/03
Lab: BAT

C Number: C20201A

Lock Date: 07/24/2004

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include 001 0 NG/KG

Include 002 121 NG/KG

Include 003 760 NG/KG

Note: Animals arranged according to days on test.

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DAY ON TEST		0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		7	8	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		4	1	5	3	3	3	4	4	4	5	5	5	5	6	6	6	6	6	7	
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	1	1	0	0	1	1	1	1	2	0	0	0	1	0	0	1	1	0	1	
0 NG/KG		2	4	8	2	0	5	6	9	0	3	4	7	1	5	6	9	7	8	1	3
* TOTALS																					

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Mesentery				+																	1
Salivary Glands																				+	1
Squamous Cell Carcinoma																				X	1
Stomach, Forestomach											+	+	+							+	6
Squamous Cell Papilloma											X	X							X	+	4
Squamous Cell Papilloma, Multiple																			X		1
Stomach, Glandular																				+	1
Tooth				+		+		+		+		+		+						+	6
Odontogenic Tumor				X		X		X		X		X		X						X	5
Odontogenic Tumor, Multiple															X						1

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE 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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DAY ON TEST	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	7	8	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	4	1	5	3	3	3	4	4	4	5	5	5	5	6	6	6	6	6	7	7
TGAC (FVB/N) HEMIZYGOUS MICE FEMALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 NG/KG	1	1	0	0	1	1	1	1	2	0	0	0	1	0	0	0	1	1	0	1
	2	4	8	2	0	5	6	9	0	3	4	7	1	5	6	9	7	8	1	3
	* TOTALS																			

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Ovary

+

1

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric

+

1

Spleen

+ + + + + + + + + + + + + + + + + + + +

20

Thymus

+ + + + + + + + + + + + + + + + + + + +

20

INTEGUMENTARY SYSTEM

Skin

+ + + + +

4

Skin, Control Dermis

+ + + + + + + + + + + + + + + + + + + +

20

Skin, Control Epidermis

+ + + + + + + + + + + + + + + + + + + +

20

Skin, Site Of Application

+ + + + + + + + + + + + + + + + + + + +

20

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 x .. Lesion present
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 First Dose M/F: NA / 04/21/03
 Lab: BAT

| DAY ON TEST | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 7 | 8 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 4 | 1 | 5 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 |
| TGAC (FVB/N) HEMIZYGOUS MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 NG/KG | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| | 2 | 4 | 8 | 2 | 0 | 5 | 6 | 9 | 0 | 3 | 4 | 7 | 1 | 5 | 6 | 9 | 7 | 8 | 1 | 3 |
| | | | | | | | | | | | | | | | | | | | | * TOTALS |

| | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | X | 1 |
| Skin, Soa No Mass | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | 20 |

MUSCULOSKELETAL SYSTEM
 NONE

NERVOUS SYSTEM
 NONE

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | | X | 1 |

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM
 NONE

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | |
| | | | | | | | | | | | | | | | | | | | | | 20 |

* .. 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
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 First Dose M/F: NA / 04/21/03
 Lab: BAT

| DAY ON TEST | | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
|--|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|---|
| | | 7 | 8 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| | | 4 | 1 | 5 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | | |
| TGAC (FVB/N) HEMIZYGOUS
MICE FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | ANIMAL ID | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | |
| 0 NG/KG | | 2 | 4 | 8 | 2 | 0 | 5 | 6 | 9 | 0 | 3 | 4 | 7 | 1 | 5 | 6 | 9 | 7 | 8 | 1 | 3 | |
| | | | | | | | | | | | | | | | | | | | | | * TOTALS | |
| Leukemia Erythrocytic | | | | | | | | | | | | | | | | | | | | | X | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 x .. Lesion present
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| DAY ON TEST | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 5 | 0 | 1 | 2 | 2 | 5 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 7 | 2 | 0 | 2 | 3 | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 6 | 7 |
| TGAC (FVB/N) HEMIZYGOUS MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 121 NG/KG | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 0 | 0 |
| | 9 | 2 | 6 | 4 | 6 | 8 | 8 | 9 | 1 | 2 | 3 | 5 | 0 | 1 | 5 | 7 | 3 | 4 | 0 | 7 | |
| | | | | | | | | | | | | | | | | | | | | | * TOTALS |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|----------|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 | |
| Stomach, Forestomach | | | | | | | | | | + | + | + | | | | | | | | | | 4 | |
| Squamous Cell Papilloma | | | | | | | | | | X | X | X | | | | | | | | | | 4 | |
| Tooth | | | | | | | | | | | | | | | | | | | | | | 6 | |
| Odontogenic Tumor | | | | | | | | | | X | X | | | | | | | | | | X | X | 4 |
| Odontogenic Tumor, Multiple | | | | | | | | | | | | X | | | | | | | | | | | 2 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Heart | | | | | | | | | | | | | | | | | | | | | | 1 |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

* .. 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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| DAY ON TEST | | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 5 | 0 | 1 | 2 | 2 | 5 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | | 7 | 2 | 0 | 2 | 3 | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 6 | 7 |
| TGAC (FVB/N) HEMIZYGOUS MICE FEMALE | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 121 NG/KG | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 0 |
| | | 9 | 2 | 6 | 4 | 6 | 8 | 8 | 9 | 1 | 2 | 3 | 5 | 0 | 1 | 5 | 7 | 3 | 4 | 0 | 7 |
| * TOTALS | | | | | | | | | | | | | | | | | | | | | |

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Alveolar/Bronchiolar Adenoma | | | | | | | | | | | | | | | | | | | X | | 1 |

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Leukemia Erythrocytic | | | | | | | X | | | | | | | | | | | | | | 1 |

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 x .. Lesion present
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 Lab: BAT

| DAY ON TEST | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|--|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8 | 9 | 2 | 2 | 4 | 5 | 5 | 5 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 4 | 7 | 2 | 9 | 3 | 1 | 5 | 5 | 6 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 7 |
| TGAC (FVB/N) HEMIZYGOUS MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 760 NG/KG | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 |
| | 0 | 4 | 5 | 2 | 8 | 6 | 1 | 6 | 9 | 3 | 3 | 7 | 0 | 5 | 7 | 1 | 4 | 9 | 8 | 2 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | |

ALIMENTARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Liver | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Mesentery | | | | | | | | | | | | | | | | | | | | | 1 |
| Stomach, Forestomach | | | | | | | | | | | | | | | | | | | | | 5 |
| Squamous Cell Papilloma | | | | | | | | | | | | | | | | | | | | | 2 |
| Squamous Cell Papilloma, Multiple | | | | | | | | | | | | | | | | | | | | | 2 |
| Stomach, Glandular | | | | | | | | | | | | | | | | | | | | | 1 |
| Tooth | | | | | | | | | | | | | | | | | | | | | 2 |
| Odontogenic Tumor | | | | | | | | | | | | | | | | | | | | | 1 |
| Odontogenic Tumor, Multiple | | | | | | | | | | | | | | | | | | | | | 1 |

CARDIOVASCULAR SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Heart | | | | | | | | | | | | | | | | | | | | | 1 |
|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|

ENDOCRINE SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|
| Adrenal Cortex | | | | | | | | | | | | | | | | | | | | | 1 |
|----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------|

* .. Total animals with tissue examined microscopically; Total animals with tumor
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| DAY ON TEST | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|--|-----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8 | 9 | 2 | 2 | 4 | 5 | 5 | 5 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 4 | 7 | 2 | 9 | 3 | 1 | 5 | 5 | 6 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 7 |
| TGAC (FVB/N) HEMIZYGOUS MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 760 NG/KG | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 |
| | 0 | 4 | 5 | 2 | 8 | 6 | 1 | 6 | 9 | 3 | 3 | 7 | 0 | 5 | 7 | 1 | 4 | 9 | 8 | 2 |
| | * TOTALS | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Skin, Control Dermis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Skin, Control Epidermis | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Skin, Site Of Application | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Keratoacanthoma | | | | | | | | | X | | | | | | | | | | | | 1 |
| Spindle Cell Carcinoma | | | | | | | X | | | | | | | X | X | | | | | | 3 |
| Spindle Cell Carcinoma, Multiple | | | | | | | | | | | | | | | | X | | | | | 1 |
| Squamous Cell Carcinoma | | | | | | X | | | | X | X | X | | X | X | | X | X | | | 8 |
| Squamous Cell Carcinoma, Multiple | | | | | | | | X | | | | | | | | | | | | | 1 |
| Squamous Cell Papilloma, Multiple | X | X | X | X | X | X | X | X | X | X | X | X | | X | X | X | X | X | X | X | 19 |
| Skin, Soa No Mass | + | + | + | + | | + | | + | + | + | + | + | + | + | + | + | + | + | + | + | 17 |

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|
| Lung | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------|

* .. 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

TDMS No. 20201 - 01
 Test Type: 26-WEEK
 Route: SKIN APPLICATION
 Species/Strain: MICE/TG.AC HEMI

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 TEF TRANSGENICS (TCDD)
 CAS Number: 1746-01-6

Date Report Reqsted: 06/14/2006
 Time Report Reqsted: 13:12:56
 First Dose M/F: NA / 04/21/03
 Lab: BAT

| | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DAY ON TEST | 8 | 9 | 2 | 2 | 4 | 5 | 5 | 5 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | 4 | 7 | 2 | 9 | 3 | 1 | 5 | 5 | 6 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 7 |
| | | | | | | | | | | | | | | | | | | | | | |
| TGAC (FVB/N) HEMIZYGOUS
MICE FEMALE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ANIMAL ID | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 760 NG/KG | 4 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 3 |
| | 0 | 4 | 5 | 2 | 8 | 6 | 1 | 6 | 9 | 3 | 3 | 7 | 0 | 5 | 7 | 1 | 4 | 9 | 8 | 2 | |
| | | | | | | | | | | | | | | | | | | | | | * TOTALS |

SPECIAL SENSES SYSTEM
 NONE

URINARY SYSTEM

| | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|
| Kidney | | | | | | | | | | | | | | | | | | | | + | + | 2 |
|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|---|

SYSTEMIC LESIONS

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| Multiple Organ | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 20 |
| Myelodysplasia | | | | | | | | | | | | | | | | | | | | X | X | 2 |

*** END OF REPORT ***

* .. 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