Experiment Number: 05117-07
Test Type: INIT/PROMOT

Oute: SKIN ADDITION DEDMAL SOLLITION

**Route:** SKIN APPLICATION|DERMAL,SOLUTION

**Species/Strain:** Mouse/SENCAR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:57

First Dose M/F: NA / NA

Lab: BAT

C Number: C61994C

**Lock Date:** 04/09/1992

Cage Range: All

Date Range: All

Reasons For Removal:

Removal Date Range: All

Treatment Groups: All

Study Gender: Both

PWG Approval Date 04/29/1994

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

DAY

**CAS Number: INIT/PROM** 

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:57

First Dose M/F: NA / NA

Lab: BAT

**SENCAR Mouse Male VEHICLE CONTROL** 

AY ON TEST	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
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	3	3	3	3	3	3
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3	3	3	3
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	0	0	0	0	0	0	0
AMINIAL ID	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	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin, SOA-No Mass

Skin

**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

A .. Autolysis precludes evaluation

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:57

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male VEHICLE CONTROL

DAY ON TEST	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
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	3	3	3	3	3	3	3
,	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	3	3	3	3	3	3	3	3	3	3	3	3
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	0	0	0	0	0	0	0
AMIMAL ID	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	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:57

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# **SENCAR Mouse Male VEHICLE CONTROL**

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin 28 Skin, SOA-No Mass 2

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:57

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

**SENCAR Mouse Male VEHICLE CONTROL** 

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 30

X ..Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:57

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA0.25 /TPA 1

DAY ON TEST	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
	3	3	2	3	3	2	0	2	1	3	2	3	0	1	1	2	2	3	1	0	1	2	1	1	2	1	1	1	3	1
,	6	6	5	2	6	8	7	4	6	6	8	6	8	2	2	9	8	2	2	7	7	8	6	2	4	6	7	9	6	2
	3	3	3	4	3	7	7	4	2	3	8	3	0	7	7	7	6	3	9	9	5	9	2	7	0	9	1	7	3	7
A NIIMAA IID	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	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
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Χ

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA0.25 /TPA 1

DAY ON TEST	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
	3	3	2	3	3	2	0	2	1	3	2	3	0	1	1	2	2	3	1	0	1	2	1	1	2	1	1	1	3	1
	6	6	5	2	6	8	7	4	6	6	8	6	8	2	2	9	8	2	2	7	7	8	6	2	4	6	7	9	6	2
	3	3	3	4	3	7	7	4	2	3	8	3	0	7	7	7	6	3	9	9	5	9	2	7	0	9	1	7	3	7
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	0	0	0	0	0	0	0
AMIMAL ID	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
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Χ

Squamous Cell Papilloma X X

Squamous Cell Papilloma, Multiple

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male DMBA0.25 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

#### **Integumentary System**

Skin	6
Skin, Control	23
Skin, SOA-Mass	8
Keratoacanthoma	1
Squamous Cell Carcinoma	4
Squamous Cell Carcinoma, Multiple	2
Squamous Cell Papilloma	3

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X ..Lesion present

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male DMBA0.25 /TPA 1

ANIMAL ID

	*TOTALS
Squamous Cell Papilloma, Multiple	1
Skin, SOA-No Mass	30

Musculoskeletal System

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

30

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA 2.5 /TPA 1

DAY ON TEST	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
	3	0	1	3	0	1	2	3	1	2	1	1	0	1	1	2	2	3	1	2	1	1	3	3	2	1	2	2	2	1
	2	1	6	2	9	6	0	6	9	4	6	7	9	1	9	8	3	2	9	1	5	2	0	6	6	9	7	0	5	8
	4	6	2	4	1	2	2	3	9	4	7	2	1	3	9	7	3	4	8	6	0	7	4	3	5	7	9	2	7	1
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	0	0	0	0	0	0	0
AMIMAL ID	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
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin		+							+							+				+						+	
Skin, Control	+	+	+	+	+	+	+	+	+	+		+	+	+	+			+	+	+	+		+	+	+	+	+
Skin, SOA-Mass	+	+				+	+				+				+	+	+		+		+	+	+	+		+	
Squamous Cell Carcinoma		Χ					Χ								Χ	Χ	Χ		Χ					Χ			
Squamous Cell Carcinoma, Multiple																						Χ	Χ				
Squamous Cell Papilloma																Χ	Χ				Χ		Х				

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

M ..Missing tissue

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

**CAS Number: INIT/PROM** 

Date Report Requested: 10/22/2014

Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

**SENCAR Mouse Male DMBA 2.5 /TPA 1** 

DAY ON TEST	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
	3	0	1	3	0	1	2	3	1	2	1	1	0	1	1	2	2	3	1	2	1	1	3	3	2	1	2	2	2	1
	2	1	6	2	9	6	0	6	9	4	6	7	9	1	9	8	3	2	9	1	5	2	0	6	6	9	7	0	5	8
	4	6	2	4	1	2	2	3	9	4	7	2	1	3	9	7	3	4	8	6	0	7	4	3	5	7	9	2	7	1
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	0	0	0	0	0	0	0
AMINAL ID	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
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Squamous Cell Papilloma, Multiple Skin, SOA-No Mass

Musculoskeletal System

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male DMBA 2.5 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

### **Integumentary System**

Skin	5
Skin, Control	23
Skin, SOA-Mass	14
Squamous Cell Carcinoma	7
Squamous Cell Carcinoma, Multiple	2
Squamous Cell Papilloma	4
Squamous Cell Papilloma, Multiple	5

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $<sup>^{\</sup>star}\,$  .. Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5 /TPA 1

ANIMAL ID

\*TOTALS

Skin, SOA-No Mass

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

Multiple Organ 30

X .. Lesion present

I ..Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA 25 /TPA 1

DAY ON TEST	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
	1	3	2	2	2	3	2	1	0	1	2	1	2	3	2	2	2	1	2	1	1	2	3	2	2	3	2	2	2	3
,	6	5	6	9	4	0	8	3	9	4	8	2	6	4	9	4	6	6	6	6	2	5	4	5	3	6	5	6	6	1
	2	5	0	3	4	3	1	3	9	8	9	9	5	0	6	7	5	2	1	4	7	0	1	1	4	3	3	1	7	4
A NIIMAA IID	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	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin Skin, Control Skin, SOA-Mass Keratoacanthoma, Multiple Χ Squamous Cell Carcinoma X X Χ X X X X X X XΧ Χ  $X \quad X \quad X \quad X$ Χ Squamous Cell Carcinoma, Multiple Χ Χ

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

M .. Missing tissue

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

**CAS Number: INIT/PROM** 

Date Report Requested: 10/22/2014

Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

**SENCAR Mouse Male DMBA 25 /TPA 1** 

DAY ON TEST	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
	1	3	2	2	2	3	2	1	0	1	2	1	2	3	2	2	2	1	2	1	1	2	3	2	2	3	2	2	2	3
,	6	5	6	9	4	0	8	3	9	4	8	2	6	4	9	4	6	6	6	6	2	5	4	5	3	6	5	6	6	1
	2	5	0	3	4	3	1	3	9	8	9	9	5	0	6	7	5	2	1	4	7	0	1	1	4	3	3	1	7	4
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	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Squamous Cell Papilloma Squamous Cell Papilloma, Multiple

Χ ХХ

Χ Χ Χ

Χ

Skin, SOA-No Mass

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

Χ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male DMBA 25 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

#### **Integumentary System**

Skin	6
Skin, Control	20
Skin, SOA-Mass	21
Keratoacanthoma, Multiple	2
Squamous Cell Carcinoma	16
Squamous Cell Carcinoma, Multiple	3
Squamous Cell Papilloma	4

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male DMBA 25 /TPA 1

ANIMAL ID

	*TOTALS
Squamous Cell Papilloma, Multiple	5
Skin, SOA-No Mass	29

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

30

BLANK .. Not examined microscopically

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:58

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male TPA 1/ COMPLETE

DAY ON TEST	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
	2	3	2	2	2	1	1	3	2	2	1	1	2	1	3	3	2	0	3	3	1	3	2	3	2	1	3	3	2	2
	8	6	6	5	4	7	3	6	4	4	1	5	4	6	3	6	3	8	6	6	3	6	8	6	4	5	6	6	9	3
	6	3	5	8	4	5	3	3	6	4	3	0	6	4	9	3	3	3	3	3	4	3	8	3	4	0	3	3	5	4
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	0	0	0	0	0	0	0
AMINAL ID	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
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

 Skin
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X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male TPA 1/ COMPLETE

DAY ON TEST	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
	2	3	2	2	2	1	1	3	2	2	1	1	2	1	3	3	2	0	3	3	1	3	2	3	2	1	3	3	2	2
;	8	6	6	5	4	7	3	6	4	4	1	5	4	6	3	6	3	8	6	6	3	6	8	6	4	5	6	6	9	3
	6	3	5	8	4	5	3	3	6	4	3	0	6	4	9	3	3	3	3	3	4	3	8	3	4	0	3	3	5	4
A NUMA A LID	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	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
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

### SENCAR Mouse Male TPA 1/ COMPLETE

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin	2
Skin, Control	20
Skin, SOA-Mass	1
Squamous Cell Carcinoma	1
Skin, SOA-No Mass	30

### **Musculoskeletal System**

NONE

I ..Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

M ..Missing tissue

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male TPA 1/ COMPLETE

ANIMAL ID

\*TOTALS

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 30

X .. Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male MNNG 100 /TPA 1

DAY ON TEST	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
	1	2	1	2	2	3	1	3	2	2	3	3	3	2	2	1	3	2	2	1	3	3	1	1	2	1	2	3	1	3
	3	9	8	6	1	6	7	0	1	1	6	6	6	8	6	9	6	6	4	6	6	4	6	8	9	6	4	6	4	6
	4	7	3	0	5	3	1	3	1	7	3	3	3	8	5	9	3	0	6	9	3	7	7	1	7	2	6	3	9	3
A NIIMAA LID	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	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
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

 Skin
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X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

X X

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male MNNG 100 /TPA 1

DAY ON TEST	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
	1	2	1	2	2	3	1	3	2	2	3	3	3	2	2	1	3	2	2	1	3	3	1	1	2	1	2	3	1	3
;	3	9	8	6	1	6	7	0	1	1	6	6	6	8	6	9	6	6	4	6	6	4	6	8	9	6	4	6	4	6
	4	7	3	0	5	3	1	3	1	7	3	3	3	8	5	9	3	0	6	9	3	7	7	1	7	2	6	3	9	3
V VIII VVI IL	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	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
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Squamous Cell Papilloma, Multiple

Skin, SOA-No Mass

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Χ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male MNNG 100 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

#### **Integumentary System**

Skin	7
Skin, Control	21
Skin, SOA-Mass	10
Squamous Cell Carcinoma	3
Squamous Cell Carcinoma, Multiple	2
Squamous Cell Papilloma	1
Squamous Cell Papilloma, Multiple	3

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male MNNG 100 /TPA 1

ANIMAL ID

\*TOTALS

Skin, SOA-No Mass

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 30

X .. Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) CAS Number: INIT/PROM

Route: SKIN APPLICATION|DERMAL, SOLUTION

Species/Strain: Mouse/SENCAR

Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

Lab: BAT

<b>SENCAR Mouse</b>	Male
MNNG1000/TPA	1

DAY ON TEST	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
	2	2	0	0	3	0	2	2	0	1	2	2	0	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
	6	1	8	3	6	9	2	1	5	5	7	7	9	4	4	6	4	8	2	2	5	5	8	9	4	6	9	6	9	5
	0	2	3	8	3	9	4	1	0	6	3	4	1	4	8	9	8	2	0	6	9	6	3	7	8	0	9	7	7	0
V VIII V V I I I	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	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
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

### **Alimentary System**

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin									+			+	+						+	+			+
Skin, Control	+	+	+	+					+	+	+	+	+		+	+					+		
Skin, SOA-Mass	+		+	+	+	+	+	+	+		+	+	+	+	4	-	+	+	+	+	+	+	+
Basal Cell Carcinoma									Χ														
Squamous Cell Carcinoma	X		X			Χ	Χ				Χ	Χ		Χ	>	(	Χ	Χ	Χ	Χ	Χ		Χ
Squamous Cell Carcinoma, Multiple				Χ	Х			Χ														Χ	

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

M .. Missing tissue

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

Χ

SENCAR Mouse Male MNNG1000 /TPA 1

DAY ON TEST	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
	2	2	0	0	3	0	2	2	0	1	2	2	0	2	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1
	6	1	8	3	6	9	2	1	5	5	7	7	9	4	4	6	4	8	2	2	5	5	8	9	4	6	9	6	9	5
	0	2	3	8	3	9	4	1	0	6	3	4	1	4	8	9	8	2	0	6	9	6	3	7	8	0	9	7	7	0
V V II V V V I I I I	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	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
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Χ

Χ

Χ

Squamous Cell Papilloma

Squamous Cell Papilloma, Multiple

Χ

Χ

Subcut Tiss, Sarcoma

Subcut Tiss, Sarcoma

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male MNNG1000 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

#### **Integumentary System**

Skin	6
Skin, Control	12
Skin, SOA-Mass	20
Basal Cell Carcinoma	1
Squamous Cell Carcinoma	14
Squamous Cell Carcinoma, Multiple	4
Squamous Cell Papilloma	2

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male MNNG1000 /TPA 1

#### ANIMAL ID

	*TOTALS
Squamous Cell Papilloma, Multiple	2
Subcut Tiss, Sarcoma	1
Skin, SOA-No Mass	29
Subcut Tiss, Sarcoma	1

### **Musculoskeletal System**

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 30

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup>Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Male SENTINEL MALE

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

Musculoskeletal System

NONE

**Nervous System** 

NONE

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Experiment Number: 05117-07
Test Type: INIT/PROMOT

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male SENTINEL MALE

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

\*\*\*END OF MALE DATA\*\*\*

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:11:59

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST SENCAR Mouse Female	3	0 1 5	0 3	0 3	0 3	0 2	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	0
VEHICLE CONTROL	3	8	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0 3	3	<b>6 3</b> 0	4
ANIMAL ID	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0	0	0 2	0 2	0 2	0 2
	1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	9	0	2	2	3	4	2 5	2 6	7	8	9	3	3	3	3	3 4	3 5	3 6	3 7	3 8	9	0

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Mammary Gland + Carcinoma Nos X

Musculoskeletal System

\* ..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

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST SENCAR Mouse Female VEHICLE CONTROL	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
	3	1	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0
	6	5	6	6	6	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1
	3	8	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4
ANIMAL ID	$\overline{}$	0 0 2 1 2	0 0 2 1 3	0 0 2 1 4	0 0 2 1 5	0 0 2 1 6	0 0 2 1 7	0 0 2 1 8	0 0 2 1 9	0 0 2 2 0	0 0 2 2 1	0 0 2 2 2	0 0 2 2 2 3	0 0 2 2 4	0 0 2 2 5	0 0 2 2 6	0 0 2 2 7	0 0 2 2 8	0 0 2 2 9	0 0 2 3 0	0 0 2 3 1	0 0 2 3 2	0 0 2 3 3	0 0 2 3 4	0 0 2 3 5	0 0 2 3 6	0 0 2 3 7	0 0 2 3 8	0 0 2 3 9	0 0 2 4 0

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

**CAS Number:** INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# **SENCAR Mouse Female VEHICLE CONTROL**

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Mammary Gland1Carcinoma Nos1Skin29Skin, SOA-No Mass1

**Musculoskeletal System** 

NONE

I .. Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

M ..Missing tissue

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# **SENCAR Mouse Female VEHICLE CONTROL**

ANIMAL ID

\*TOTALS

30

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

X .. Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

**CAS Number: INIT/PROM** 

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

**SENCAR Mouse Female DMBA0.25 /TPA 1** 

DAY ON TEST ale	0 1 6 7	0 3 6 3	0 3 1 6	0 1 0 6	0 3 6 3	0 3 6 3	0 1 2 0	0 2 9 3	0 1 2 0	0 1 9 8	0 2 8 7	0 1 9 9	0 1 5 7	0 3 1 6	0 2 4 7	0 3 6 3	0 3 6 3	0 3 4 2	0 0 9 9	0 3 6 3	0 3 3 6	0 3 6 3	0 3 6 3	0 2 4 7	0 2 4 4	0 1 1 3	0 2 1 1	0 2 5 9	0 2 8 6	0 2 8 9
ANIMAL ID	0 0 2 4 1	0 0 2 4 2	0 0 2 4 3	0 0 2 4 4	0 0 2 4 5	0 0 2 4 6	0 0 2 4 7	0 0 2 4 8	00049	00250	0 0 2 5 1	0 0 2 5 2	00253	00254	00055	00256	0 0 2 5 7	8 9 5 6 0	00259	00260	0 0 2 6 1	00262	0 0 2 6 3	0 0 2 6 4	0 0 2 6 5	0 0 2 6 6	0 0 2 6 7	89800	00000	0 0 2 7 0

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin Squamous Cell Papilloma Skin, Control Skin, SOA-Mass Squamous Cell Carcinoma Χ Χ Squamous Cell Papilloma Χ Χ Х Χ Χ

X .. Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

M .. Missing tissue

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

**CAS Number: INIT/PROM** 

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

**SENCAR Mouse Female DMBA0.25 /TPA 1** 

DAY ON TEST	0 1 6	0 3 6	0 3 1	0 1 0	0 3 6	0 3 6	0 1 2	0 2 9	0 1 2	0 1 9	0 2 8	0 1 9	0 1 5	0 3 1	0 2 4	0 3 6	0 3 6	0 3 4	0 0 9	0 3 6	0 3 3	0 3 6	0 3 6	0 2 4	0 2 4	0 1 1	0 2 1	0 2 5	0 2 8	0 2 8
	7	3	6	6	3	3	0	3	0	8	7	9	7	6	7	3	3	2	9	3	6	3	3	7	4	3	1	9	6	9
ANIMAL ID	0 0 2 4	0 0 2 4	0 0 2 4	0 0 2 4	0 0 2 4	0 0 2 4	0 0 2 4	0 0 2 4	0 0 2 4	0025	0 0 2 5	0 0 2 5	0025	0025	0025	0 0 2 5	0025	0005	0 0 2 5	0 0 2 6	0 0 2 6	0026	0 0 2 6	0026	0026	0026	0026	0 0 2 6	0 0 2 6	0 0 2 7
	<u>i</u>	2	3	4	5	6	7	8	9	ő	1	2	3	4	5	6	7	8	9	Ö	1	2	3	4	5	6	7	8	9	0

Squamous Cell Papilloma, Multiple

Skin, SOA-No Mass

Musculoskeletal System

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

### DAY ON TEST

# SENCAR Mouse Female DMBA0.25 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

### **Integumentary System**

Skin	3
Squamous Cell Papilloma	1
Skin, Control	25
Skin, SOA-Mass	9
Squamous Cell Carcinoma	2
Squamous Cell Papilloma	6
Squamous Cell Papilloma, Multiple	3

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female DMBA0.25 /TPA 1

ANIMAL ID

\*TOTALS

Skin, SOA-No Mass

30

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

Multiple Organ 30

M ..Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

X .. Lesion present

I ..Insufficient tissue

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST SENCAR Mouse Female DMBA 2.5 /TPA 1	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
	3	3	2	2	3	3	3	2	3	2	1	3	2	3	3	2	3	3	2	2	2	3	3	1	0	2	3	2	3	2
	6	0	9	1	0	3	6	3	0	6	5	6	7	0	4	2	4	0	8	7	2	1	6	6	6	5	6	8	6	5
	3	7	7	2	3	0	3	9	6	1	0	3	4	3	5	3	5	3	9	3	1	1	3	9	3	3	3	8	3	7
ANIMAL ID	$\overline{}$	0 0 2 7 2	0 0 2 7 3	0 0 2 7 4	0 0 2 7 5	0 0 2 7 6	0 0 2 7 7	0 0 2 7 8	0 0 2 7 9	0 0 2 8 0	0 0 2 8 1	0 0 2 8 2	0 0 2 8 3	0 0 2 8 4	0 0 2 8 5	0 0 2 8 6	0 0 2 8 7	0 0 2 8 8	0 0 2 8 9	0 0 2 9 0	0 0 2 9 1	0 0 2 9 2	0 0 2 9 3	0 0 2 9 4	0 0 2 9 5	0 0 2 9 6	0 0 2 9 7	0 0 2 9 8	00009	0 0 3 0

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

 Skin
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Keratoacanthoma, Multiple X

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST SENCAR Mouse Female DMBA 2.5 /TPA 1	0 3 6 3	0 3 0 7	0 2 9 7	0 2 1 2	0 3 0 3	0 3 3 0	0 3 6 3	0 2 3 9	0 3 0 6	0 2 6 1	0 1 5 0	0 3 6 3	0 2 7 4	0 3 0 3	0 3 4 5	0 2 2 3	0 3 4 5	0 3 0 3	0 2 8 9	0 2 7 3	0 2 2 1	0 3 1 1	0 3 6 3	0 1 6 9	0 0 6 3	0 2 5 3	0 3 6 3	0 2 8 8	0 3 6 3	0 2 5 7
ANIMAL ID	0 0 2 7 1	0 0 2 7 2	0 0 2 7 3	0 0 2 7 4	0 0 2 7 5	00276	0 0 2 7 7	0 0 2 7 8	0 0 2 7 9	00080	00281	0 0 2 8 2	00283	0 0 2 8 4	00285	00286	0 0 2 8 7	00288	00289	0 0 2 9 0	00291	0 0 2 9 2	00093	0 0 2 9 4	00295	0 0 2 9 6	0 0 2 9 7	86700	00299	0 0 3 0
Squamous Cell Carcinoma		Χ					Χ			Χ		Χ			Χ		Χ		Χ		Χ	Χ				Χ				
Squamous Cell Carcinoma, Multiple			Χ										Χ	Χ						Χ										
Squamous Cell Papilloma	Χ		Χ	Χ		Χ							Χ		Χ					Χ										
Squamous Cell Papilloma, Multiple							Χ		Χ					Χ																Χ
Skin, SOA-No Mass	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female DMBA 2.5 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

### **Integumentary System**

Skin	4
Basal Cell Carcinoma	1
Skin, Control	26
Skin, SOA-Mass	20
Keratoacanthoma	1
Keratoacanthoma, Multiple	1
Squamous Cell Carcinoma	10

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female DMBA 2.5 /TPA 1

#### ANIMAL ID

	*TOTALS
Squamous Cell Carcinoma, Multiple	4
Squamous Cell Papilloma	7
Squamous Cell Papilloma, Multiple	4
Skin, SOA-No Mass	30

### **Musculoskeletal System**

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 30

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

 $<sup>^{\</sup>star}\,$  .. Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST	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
SENCAR Mouse Female	2	2	3	3	2	3	1	1	2	1	3	2	1	1	3	2	2	2	2	2	2	2	2	1	2	1	2	2	1	3
	5	6	3	2	8	2	9	8	2	9	0	7	5	9	0	7	1	5	4	7	9	8	7	9	1	0	2	6	5	6
DMBA 25 /TPA 1	3	1	0	3	0	2	8	3	6	9	3	2	0	8	7	2	1	1	6	1	6	8	8	3	7	3	7	1	5	3
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	0	0	0	0	0	0	0
AMINALID	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
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1	0	0	0	0	0	0	0	0	1	1	1	1	1		1	7	1	1	2	2	2	2	2	2	2	2	8	2	0

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin Skin, Control Skin, SOA-Mass Keratoacanthoma Squamous Cell Carcinoma Χ X X Χ  $X \quad X \quad X \quad X$ Χ Χ Χ Squamous Cell Carcinoma, Multiple Χ Χ Χ Χ Χ

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

M ..Missing tissue

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

ANIMAL

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TES SENCAR Mouse Female DMBA 25 /TPA 1

EST∣	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
	2	2	3	3	2	3	1	1	2	1	3	2	1	1	3	2	2	2	2	2	2	2	2	1	2	1	2	2	1	3
	5	6	3	2	8	2	9	8	2	9	0	7	5	9	0	7	1	5	4	7	9	8	7	9	1	0	2	6	5	6
	3	1	0	3	0	2	8	3	6	9	3	2	0	8	7	2	1	1	6	1	6	8	8	3	7	3	7	1	5	3
L ID	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
ן טו	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
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
								Χ	Χ	Χ	Χ												Χ							

Squamous Cell Papilloma

Squamous Cell Papilloma, Multiple

Χ

Skin, SOA-No Mass Musculoskeletal System

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

X ..Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female DMBA 25 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

### **Integumentary System**

Skin	2
Skin, Control	19
Skin, SOA-Mass	25
Keratoacanthoma	1
Squamous Cell Carcinoma	12
Squamous Cell Carcinoma, Multiple	7
Squamous Cell Papilloma	5

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female DMBA 25 /TPA 1

ANIMAL ID

	*IOTALS
Squamous Cell Papilloma, Multiple	9
Skin, SOA-No Mass	28

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 30

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST	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
SENCAR Mouse Female	3	1	3	1	0	3	3	1	0	1	3	1	3	1	1	2	2	2	3	3	1	3	2	1	2	3	1	3	3	2
OLIVOAN MOUSE I emale	4	3	6	9	9	6	6	6	7	2	5	8	6	2	6	9	2	0	6	6	0	6	2	3	4	6	3	6	6	5
TPA 1/ COMPLETE	5	4	3	8	7	3	3	1	7	0	4	3	3	6	9	3	7	2	3	3	6	3	4	3	0	3	3	3	3	1
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	0	0	0	0	0	0	0
ANIMALID	l O	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
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

 Skin
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X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

M ..Missing tissue

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

**CAS Number: INIT/PROM** 

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

**SENCAR Mouse Female TPA 1/ COMPLETE** 

ANIMAL ID

DAY ON TEST 2 7 0 4 Õ Õ 3 3 2 3 3 5 3 3 9 3 4 6 3 5 2 3 4 9 3 5 9 3 3 8 4 5 5 6 5 8 3 3 3 6 3 7 4 3 5 0 5 5 3 5 5 5 7 

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

Multiple Organ

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female TPA 1/ COMPLETE

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin	2
Skin, Control	24
Skin, SOA-Mass	2
Squamous Cell Papilloma	1
Skin, SOA-No Mass	30

**Musculoskeletal System** 

NONE

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

X .. Lesion present

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female TPA 1/ COMPLETE

ANIMAL ID

\*TOTALS

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 30

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Time Report Requested: 18:12:01 First Dose M/F: NA / NA

Date Report Requested: 10/22/2014

 $0 \mid 0$ 

0 0 0

 9 | 3 | 0 | 7

Lab: BAT

SENCAR Mouse Female MNNG 100 /TPA 1

DAY ON TEST 5 9 ANIMAL ID Õ 3 7 3 6 2 3 6 5 3 6 8 3 6 9 3 7 6 3 8 2 6 7 7 7 2 7 5 8 6 6 6 6 7 7 7 7 8 0 8 8 5 

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin Skin, Control Skin, SOA-Mass Χ Χ Χ Χ Χ Squamous Cell Carcinoma Squamous Cell Papilloma Χ Χ Χ Χ Squamous Cell Papilloma, Multiple Χ Χ Χ Х Χ Χ

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014
Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Female MNNG 100 /TPA 1

DAY ON TEST	0 3 1 6	0 1 6 0	0 3 6 3	0 3 6 3	0 1 6 1	0 3 6 3	0 3 6 3	0 3 6 3	0 3 1 8	0 3 6 3	0 3 6 3	0 2 6 7	0 2 6 9	0 3 4 0	0 2 5 9	0 3 6 3	0 2 1 2	0 3 6 3	0 1 3	0 3 6 3	0 3 6 3	0 1 0 8	0 2 6 0	0 3 6 3	0 1 6 0	0 2 3 3	0 2 8 9	0 3 6 3	0 3 3 0	0 2 9 7
ANIMAL ID	0 0 3 6 1	00362	0 0 3 6 3	0 0 3 6 4	0 0 3 6 5	0 0 3 6 6	0 0 3 6 7	0 0 3 6 8	0 0 3 6 9	0 0 3 7 0	0 0 3 7 1	0 0 3 7 2	0 0 3 7 3	0 0 3 7 4	0 0 3 7 5	0 0 3 7 6	0 0 3 7 7	0 0 3 7 8	0 0 3 7 9	00380	0 0 3 8 1	0 0 3 8 2	00383	0 0 3 8 4	00385	00086	0 0 3 8 7	0 0 3 8 8	0 0 3 8 9	00390

Skin, SOA-No Mass

**Musculoskeletal System** 

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female MNNG 100 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

### **Integumentary System**

Skin	3
Skin, Control	16
Skin, SOA-Mass	16
Squamous Cell Carcinoma	6
Squamous Cell Papilloma	3
Squamous Cell Papilloma, Multiple	7
Skin, SOA-No Mass	29

X ..Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female MNNG 100 /TPA 1

ANIMAL ID

\*TOTALS

30

Musculoskeletal System

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Female
MNNG1000 /TPA 1

	_																														
DA	Y ON TEST	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
ale		3	3	2	0	2	1	2	2	3	3	1	1	0	3	3	0	1	1	0	1	2	2	2	0	0	1	2	0	0	0
aie		6	6	4	7	4	7	2	9	6	0	2	9	4	0	0	4	0	5	5	3	2	5	5	9	9	5	6	5	5	5
		2	3	0	7	6	4	7	7	3	0	7	7	2	3	3	2	8	5	7	4	5	1	3	1	7	0	0	0	2	0
	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	0	0	0	0	0	0	0
	AMIMAL ID	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
		3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

**Alimentary System** 

NONE

Cardiovascular System

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

Skin		+		+				+			+		+								+
Skin, Control	+			+	+	+	+	+	+		+	+		+ +		+	+		+		
Skin, SOA-Mass	+	+	+		+ +	+	+		+	+		+	+	+	+			+		+	+
Squamous Cell Carcinoma						Χ	Χ		Χ				Χ	X				Χ			
Squamous Cell Carcinoma, Multiple		Χ													Χ						
Squamous Cell Papilloma												Χ						Х			

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION|DERMAL, SOLUTION

**CAS Number: INIT/PROM** 

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

Χ

First Dose M/F: NA / NA

Lab: BAT

**SENCAR Mouse Female** MNNG1000 /TPA 1

DAY ON TEST 2 9 7 4 2 7 5 1 2 5 *7 7* 2 ANIMAL ID Õ Õ Õ Õ Õ Õ 3 9 2 3 9 5 9 8 3 9 9 9 1 9 6 9 7 0 5 3 6 Ó Ó Χ

Χ

Squamous Cell Papilloma, Multiple Χ Χ

Х Subcut Tiss, Sarcoma

Subcut Tiss, Sarcoma, Multiple Χ

Skin, SOA-No Mass

Musculoskeletal System

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

Multiple Organ

X .. Lesion present

I .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female MNNG1000 /TPA 1

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

### **Integumentary System**

Skin	6
Skin, Control	14
Skin, SOA-Mass	16
Squamous Cell Carcinoma	6
Squamous Cell Carcinoma, Multiple	2
Squamous Cell Papilloma	2
Squamous Cell Papilloma, Multiple	3

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female MNNG1000 /TPA 1

### ANIMAL ID

	*TOTALS
Subcut Tiss, Sarcoma	3
Subcut Tiss, Sarcoma, Multiple	1
Skin, SOA-No Mass	28

Musculoskeletal System

NONE

**Nervous System** 

NONE

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

SYSTEMIC LESIONS

Multiple Organ 30

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

X ..Lesion present

I .. Insufficient tissue

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

# SENCAR Mouse Female SENTINEL FEMALE

ANIMAL ID

\*TOTALS

**Alimentary System** 

NONE

**Cardiovascular System** 

NONE

**Endocrine System** 

NONE

**General Body System** 

NONE

**Genital System** 

NONE

**Hematopoietic System** 

NONE

**Integumentary System** 

NONE

Musculoskeletal System

NONE

**Nervous System** 

NONE

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION|DERMAL, SOLUTION

Test Type: INIT/PROMOT

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/22/2014 Time Report Requested: 18:12:01

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

**SENCAR Mouse Female SENTINEL FEMALE** 

ANIMAL ID

\*TOTALS

**Respiratory System** 

NONE

**Special Senses System** 

NONE

**Urinary System** 

NONE

**SYSTEMIC LESIONS** 

Multiple Organ 0

\*\* END OF REPORT \*\*

X .. Lesion present

I .. Insufficient tissue

M ..Missing tissue

A .. Autolysis precludes evaluation

<sup>\* ..</sup>Total animals with tissue examined microscopically; Total animals with tumor

<sup>+ ..</sup> Tissue examined microscopically