Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

P17: 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: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

C Number:	C61994C
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	04/27/1994

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male VEHICLE CONTROL	DAY ON TEST ANIMAL ID	0 3 0 2 0 0 0 2 1	0 3 5 5 0 0 0 0 0 8	0 3 6 2 0 0 0 0 0 1	0 3 6 2 0 0 0 0 0 2	0 3 6 2 0 0 0 0 0 3	0 3 6 2 0 0 0 0 4	0 3 6 2 0 0 0 0 5	0 3 6 2 0 0 0 0 0 6	0 3 6 2 0 0 0 0 7	0 3 6 3 0 0 0 0 9	0 3 6 3 0 0 0 0 1 0	0 3 6 3 0 0 0 1 1	0 3 6 3 0 0 0 0 1 2	0 3 6 3 0 0 0 1 3	0 3 6 3 0 0 0 0 1 4	0 3 6 3 0 0 0 0 1 5	0 3 6 4 0 0 0 1 6	0 3 6 4 0 0 0 1 7	0 3 6 4 0 0 0 1 8	0 3 6 4 0 0 0 0 1 9	0 3 6 4 0 0 0 2 0	0 3 6 4 0 0 0 2 2	0 3 6 4 0 0 0 2 3	0 3 6 5 0 0 0 2 4	0 3 6 5 0 0 0 2 5	0 3 6 5 0 0 0 2 6	0 3 6 5 0 0 0 2 7	0 3 6 5 0 0 0 2 8	0 3 6 5 0 0 0 2 9	0 3 6 5 0 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 Skin, Control Skin, SOA-No Mass Musculoskeletal System		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NONE																															

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

SENCAR Mouse Male VEHICLE CONTROL	DAY ON TEST ANIMAL ID	3 0 2	0 3 5 5 0 0 0 0 8	0 3 6 2 0 0 0 0 0 1	0 3 6 2 0 0 0 0 2	0 3 6 2 0 0 0 0 3	0 3 6 2 0 0 0 0 4	0 3 6 2 0 0 0 0 5	0 3 6 2 0 0 0 0 0 6	0 3 6 2 0 0 0 0 7	0 3 6 3 0 0 0 0 9	0 3 6 3 0 0 0 1 0	0 3 6 3 0 0 0 1 1	0 3 6 3 0 0 0 1 2	0 3 6 3 0 0 0 1 3	0 3 6 3 0 0 0 1 4	0 3 6 3 0 0 0 1 5	0 3 6 4 0 0 0 1 6	0 3 6 4 0 0 0 1 7	0 3 6 4 0 0 0 1 8	0 3 6 4 0 0 0 1 9	0 3 6 4 0 0 0 2 0	0 3 6 4 0 0 0 2 2	0 3 6 4 0 0 0 2 3	0 3 6 5 0 0 0 2 4	0 3 6 5 0 0 0 2 5	0 3 6 5 0 0 0 2 6	0 3 6 5 0 0 0 2 7	0 3 6 5 0 0 0 2 8	0 3 6 5 0 0 0 2 9	0 3 6 5 0 0 0 3 0
Nervous System																															
NONE Respiratory System																															
NONE Special Senses System																															
NONE Urinary System																															
NONE Systemic lesions																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAF		P17: NEOPLASMS BY IN Test Compound: Init
SENCAR Mouse Male VEHICLE CONTROL	DAY ON TEST	
	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 Skin, Control		28 1

Skin, SOA-No Mass Musculoskeletal System

NONE Nervous System

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

1

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

M .. Missing tissue

Experiment Number: 05117-03		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Type: INIT/PROMOT		Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)
Route: SKIN APPLICATION		CAS Number: INIT/PROM
Species/Strain: Mouse/SENCAR		
	DAY ON TEST	
SENCAR Mouse Male		
VEHICLE CONTROL		
	ANIMAL ID	
		*TOTALS
NONE		
Respiratory System		
NONE		
Special Senses System		
NONE		
Urinary System		
NONE		
SYSTEMIC LESIONS		
Multiple Organ		30

 $^{\ast}\,$..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 Date Report Requested: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA0.25/ACETONE	DAY ON TEST ANIMAL ID	0 2 6 3 0 0 0 4 0	0 2 9 7 0 0 0 5 5	0 3 3 2 0 0 0 0 3 9	0 3 6 2 0 0 0 3 1	0 3 6 2 0 0 0 3 2	0 3 6 2 0 0 0 3 3 3	0 3 6 2 0 0 0 3 4	0 3 6 2 0 0 0 3 5	0 3 6 2 0 0 0 3 6	0 3 6 3 0 0 0 0 3 7	0 3 6 3 0 0 0 3 8	0 3 6 3 0 0 0 4 1	0 3 6 3 0 0 0 0 4 2	0 3 6 3 0 0 0 4 3	0 3 6 3 0 0 0 4 4	0 3 6 3 0 0 0 0 4 5	0 3 6 4 0 0 0 4 6	0 3 6 4 0 0 0 4 7	0 3 6 4 0 0 0 4 8	0 3 6 4 0 0 0 4 9	0 3 6 4 0 0 0 5 0	0 3 6 4 0 0 0 5 1	0 3 6 4 0 0 0 5 2	0 3 6 5 0 0 0 5 3	0 3 6 5 0 0 0 5 4	0 3 6 5 0 0 0 5 6	0 3 6 5 0 0 0 0 5 7	0 3 6 5 0 0 0 5 8	0 3 6 5 0 0 0 5 9	0 3 6 5 0 0 0 6 0
Alimentary System																1															
NONE Cardiovascular System																															
NONE Endocrine System																															
NONE General Body System																															
NONE Genital System																															
NONE Hematopoietic System																															
NONE Integumentary System																															
Skin Skin, SOA-No Mass Musculoskeletal System		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NONE Nervous System																															

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

3

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6 5

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3 3 3 3

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6 5

0 0 0 0 0 0

6 6

5 5

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0 5 4

Species/Strain: Mouse/SENCAF	२																						La
SENCAR Mouse Male	DAY ON TEST	0 2 6 3	0 2 9 7	0 3 3	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6	0 3 6	0 3 6	0 3 6	0 3 6	0 3 6
DMBA0.25/ACETONE	ANIMAL ID	3 0 0 4 0	7 0 0 5 5	2 0 0 0 3 9	2 0 0 3 1	2 0 0 0 3 2	2 0 0 3 3	2 0 0 0 3 4	2 0 0 3 5	2 0 0 0 3 6	3 0 0 0 3 7	3 0 0 3 8	3 0 0 4 1	3 0 0 4 2	3 0 0 4 3	3 0 0 4 4	3 0 0 4 5	4 0 0 4 6	4 0 0 4 7	4 0 0 4 8	4 0 0 4 9	4 0 0 5 0	4 0 0 5 1
NONE																							

NONE

Respiratory System

Experiment Number: 05117-03

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + + + + + + + + + + +	+ + + + +
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* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03	
Test Type: INIT/PROMOT	
Route: SKIN APPLICATION	
Species/Strain: Mouse/SENCAR	R
	DAY ON TEST
SENCAR Mouse Male	

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

DMBA0.25/ACEIONE

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 Skin, SOA-No Mass Musculoskeletal System	25 5
NONE Nervous System	
NONE	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03	3	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/21/2014
Test Type: INIT/PROMOT		Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	Time Report Requested: 07:07:52
Route: SKIN APPLICATION		CAS Number: INIT/PROM	First Dose M/F: NA / NA
Species/Strain: Mouse/SENCA	R		Lab: BAT
	DAY ON TEST		
SENCAR Mouse Male			
DMBA0.25/ACETONE			
	ANIMAL ID		
		*TOTALS_	
Respiratory System			
NONE			
Special Senses System			
NONE			
Urinary System			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		30	

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:52 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 2.5/ACETONE	DAY ON TEST ANIMAL ID	0 1 2 0 0 0 0 0 8 9	0 1 5 0 0 0 0 7 3	0 3 6 2 0 0 0 6 1	0 3 6 2 0 0 0 6 2	0 3 6 2 0 0 0 6 3	0 3 6 2 0 0 0 6 4	0 3 6 2 0 0 0 6 5	0 3 6 2 0 0 0 0 6 6 6	0 3 6 2 0 0 0 0 6 7	0 3 6 3 0 0 0 6 8	0 3 6 3 0 0 0 0 6 9	0 3 6 3 0 0 0 7 0	0 3 6 3 0 0 0 7 1	0 3 6 3 0 0 0 7 2	0 3 6 3 0 0 0 7 4	0 3 6 3 0 0 0 7 5	0 3 6 4 0 0 0 7 6	0 3 6 4 0 0 0 7 7 7	0 3 6 4 0 0 0 7 8	0 3 6 4 0 0 0 7 9	0 3 6 4 0 0 0 8 0	0 3 6 4 0 0 0 8 1	0 3 6 4 0 0 0 8 2	0 3 6 5 0 0 0 8 4	0 3 6 5 0 0 0 8 5	0 3 6 5 0 0 0 8 6	0 3 6 5 0 0 0 8 7	0 3 6 5 0 0 0 8 8 8	0 3 6 5 0 0 0 9 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-No Mass Musculoskeletal System		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ X	+	+	+ +	+	+	+	+	+	+	+	+	+	+	+ +

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

+ +

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 2.5/ACETONE	DAY ON TEST	0 1 2 0	0 1 5 0	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5
	ANIMAL ID	0 0 8 9	0 0 7 3	0 0 6 1	0 0 0 6 2	0 0 0 6 3	0 0 0 6 4	0 0 0 6 5	0 0 0 6 6	0 0 0 6 7	0 0 0 6 8	0 0 0 6 9	0 0 0 7 0	0 0 7 1	0 0 7 2	0 0 0 7 4	0 0 0 7 5	0 0 7 6	0 0 7 7	0 0 7 8	0 0 7 9	0 0 0 8 0	0 0 0 8 1	0 0 0 8 2	0 0 0 8 4	0 0 0 8 5	0 0 0 8 6	0 0 0 8 7	0 0 8 8	0 0 9 0

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ACETONE

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	
Squamous Cell Papilloma	
Skin, Control	
Skin, SOA-No Mass Musculoskeletal System	

NONE

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/21/2014
Test Type: INIT/PROMOT		Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	Time Report Requested: 07:07:53
Route: SKIN APPLICATION		CAS Number: INIT/PROM	First Dose M/F: NA / NA
Species/Strain: Mouse/SENCAR			Lab: BAT
	DAY ON TEST		
SENCAR Mouse Male			
DMBA 2.5/ACETONE			
	ANIMAL ID		
		*TOTALS	
Nervous System			
NONE			
Respiratory System			
NONE			
Special Senses System			
NONE			
Urinary System			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		29	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 25/ACETONE	DAY ON TEST ANIMAL ID	0 3 2 8 0 0 1 1 6	3 6 2 0 0 0 0 9	0 0 3 3 6 0 2 2 0 0 0 0 0 0 9 9 2 3	3 6 2 0 0 0 0 0	0 3 6 2 0 0 0 9 5	0 3 6 2 0 0 0 9 6	0 3 6 2 0 0 0 9 7	0 3 6 2 0 0 0 9 8	0 3 6 2 0 0 4 5 7	0 3 6 3 0 0 0 9 9	0 3 6 3 0 0 1 0 0	0 3 6 3 0 0 1 0 1	0 3 6 3 0 0 1 0 2	0 3 6 3 0 0 1 0 3	0 3 6 3 0 0 1 0 4	0 3 6 3 0 0 1 0 5	0 3 6 4 0 0 1 0 6	0 3 6 4 0 0 1 0 7	0 3 6 4 0 0 1 0 8	0 3 6 4 0 0 1 0 9	0 3 6 4 0 0 1 1 0	0 3 6 4 0 0 1 1 1	0 3 6 4 0 0 1 1 2	0 3 6 5 0 0 1 1 3	0 3 6 5 0 0 1 1 4	0 3 6 5 0 1 1 5	0 3 6 5 0 0 1 1 7	0 3 6 5 0 0 1 1 8	0 3 6 5 0 0 1 1 9	0 3 6 5 0 0 1 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, SOA-No Mass Musculoskeletal System		+	+	+	• +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NONE Nervous System																															
 *Total animals with tissue exami +Tissue examined microscopical XLesion present 		Total	animal	s with	tumor							BLA	ΑΑ	Missir Autoly Not ex	/sis p	reclu															

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 25/ACETONE	DAY ON TEST ANIMAL ID	3 2 8	0 3 6 2 0 0 0 9 1	0 3 6 2 0 0 0 9 2	0 3 6 2 0 0 0 9 3	0 3 6 2 0 0 0 9 4	0 3 6 2 0 0 0 9 5	0 3 6 2 0 0 0 9 6	0 3 6 2 0 0 0 9 7	0 3 6 2 0 0 0 9 8	0 3 6 2 0 0 4 5 7	0 3 6 3 0 0 0 9 9	0 3 6 3 0 0 1 0 0	0 3 6 3 0 0 1 0 1	0 3 6 3 0 0 1 0 2	0 3 6 3 0 0 1 0 3	0 3 6 3 0 0 1 0 4	0 3 6 3 0 0 1 0 5	0 3 6 4 0 0 1 0 6	0 3 6 4 0 0 1 0 7	0 3 6 4 0 0 1 0 8	0 3 6 4 0 0 1 0 9	0 3 6 4 0 0 1 1 0	0 3 6 4 0 0 1 1 1	0 3 6 4 0 0 1 1 2	0 3 6 5 0 0 1 1 3	0 3 6 5 0 0 1 1 4	0 3 6 5 0 0 1 1 5	0 3 6 5 0 0 1 1 7	0 3 6 5 0 0 1 1 8	0 3 6 5 0 0 1 1 9	0 3 6 5 0 0 1 2 0
NONE Respiratory System		-						-																					-	-		
NONE Special Senses System																																
NONE Urinary System																																
NONE Systemic Lesions																																
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03	i	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/21/2014
Test Type: INIT/PROMOT		Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	Time Report Requested: 07:07:53
Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR	5	CAS Number: INIT/PROM	First Dose M/F: NA / NA Lab: BAT
opecies/otrain. Mouse/SENCAR	X		
	DAY ON TEST		
SENCAR Mouse Male			
DMBA 25/ACETONE			
	ANIMAL ID		
		<u>*TOTALS</u>	
Alimentary System			
NONE			
Cardiovascular System			
NONE			
Endocrine System			
NONE			
General Body System			
NONE			
Genital System			
NONE			
Hematopoietic System			
NONE			
Integumentary System			
Skin		30	
Skin, SOA-No Mass		1	
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

Experiment Number: 05117-03 Test Type: INIT/PROMOT		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)) Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53
Route: SKIN APPLICATION		CAS Number: INIT/PROM	First Dose M/F: NA / NA
Species/Strain: Mouse/SENCAR			Lab: BAT
	DAY ON TEST		
SENCAR Mouse Male			
DMBA 25/ACETONE			
	ANIMAL ID		
		*TOTALS	
Respiratory System			
NONE			
Special Senses System			
NONE			
Urinary System			
NONE			
SYSTEMIC LESIONS			
Multiple Organ		31	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT **Route: SKIN APPLICATION** Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA2.5/COMPLETE	DAY ON TEST ANIMAL ID	0 1 4 5 0 0 1 4 3	0 1 9 6 0 0 1 3 0	0 2 0 6 0 0 0 1 4 7	0 2 5 1 0 0 1 3 4	0 2 6 6 0 0 1 3 6	0 2 8 7 0 0 1 3 7	0 2 9 3 0 0 1 2 7	0 2 9 5 0 0 1 4 2	0 3 0 2 0 0 1 2 3	0 3 0 9 0 0 1 3 3	0 3 1 2 0 0 1 2 1	0 3 1 7 0 0 1 3 2	0 3 1 7 0 0 1 5 0	0 3 2 3 0 0 1 2 2	0 3 2 3 0 0 1 2 5	0 3 4 1 0 0 1 4 8	0 3 4 2 0 0 1 2 9	0 3 5 1 0 0 1 4 5	0 3 5 9 0 0 1 3 8	0 3 6 2 0 0 1 2 4	0 3 6 2 0 0 1 2 6	0 3 6 2 0 0 1 2 8	0 3 6 3 0 0 1 3 1	0 3 6 3 0 0 1 3 5	0 3 6 4 0 0 1 3 9	0 3 6 4 0 0 1 4 0	0 3 6 4 0 0 1 4 1	0 3 6 5 0 0 1 4 4	0 3 6 5 0 0 1 4 6	0 3 6 5 0 0 1 4 9
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 Keratoacanthoma Squamous Cell Carcinoma			+ X +	+	+	+ +	+ + X	+ X	+	+ X + X X	+	+ X	+ + X	+ + X	+ + X	+	+	+ X	+ + X	+ X	+ X	+ +	+	+ X	+ X	+ + X	+	+ X	+	+ X	+ +

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

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA2.5/COMPLETE	0 1 4 5 0 0 1 4 3	0 1 9 6 0 0 1 3 0	0 2 0 6 0 0 1 4 7	0 2 5 1 0 0 1 3 4	0 2 6 6 0 0 1 3 6	0 2 8 7 0 0 1 3 7	0 2 9 3 0 0 1 2 7	0 2 9 5 0 0 1 4 2	0 3 0 2 0 0 1 2 3	0 3 0 9 0 0 1 3 3	0 3 1 2 0 0 1 2 1	0 3 1 7 0 0 1 3 2	0 3 1 7 0 0 1 5 0	0 3 2 3 0 0 1 2 2	0 3 2 3 0 0 1 2 5	0 3 4 1 0 0 1 4 8	0 3 4 2 0 0 1 2 9	0 3 5 1 0 0 1 4 5	0 3 5 9 0 0 1 3 8	0 3 6 2 0 0 1 2 4	<i>0</i> 3 6 2 0 0 1 2 6	0 3 6 2 0 0 1 2 8	0 3 6 3 0 0 1 3 1	0 3 6 3 0 0 1 3 5	0 3 6 4 0 0 1 3 9	0 3 6 4 0 0 1 4 0	0 3 6 4 0 0 1 4 1	0 3 6 5 0 0 1 4 4	0 3 6 5 0 0 1 4 6	0 3 6 5 0 0 1 4 9
Squamous Cell Carcinoma Squamous Cell Papilloma Squamous Cell Papilloma, Skin, SOA-No Mass Musculoskeletal System	+	+		x x +	X +		+	Х	× +	X X +		+	+	+	X +	× +	X +	+	+		X +	X +	+	X +	X +	X X +	+	X X +		Х
NONE Nervous System																														
NONE Respiratory System																														
NONE Special Senses System																														
NONE Urinary System																														
NONE Systemic lesions																														
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

 $^{\ast}\,$..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA2.5/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
Squamous Cell Papilloma
Skin, Control
Skin, SOA-Mass
Keratoacanthoma
Squamous Cell Carcinoma
Squamous Cell Carcinoma, Multiple

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA2.5/COMPLETE

	ANIMAL ID	
		*TOTALS
Squamous Cell Papilloma		5
Squamous Cell Papilloma, Mult	iple	1
Skin, SOA-No Mass		23
Musculoskeletal System		
NONE		
Nervous System		
NONE		
Respiratory System		
NONE		
Special Senses System		
NONE		
Urinary System		
NONE		
SYSTEMIC LESIONS		
Multiple Organ		30

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male BPO 20/ COMPLETE	DAY ON TEST ANIMAL ID	1 3 8	0 1 3 9 0 0 1 8	0 2 1 7 0 0 1 8	0 2 1 8 0 0 1 8 7	0 0 2 7 0 0 2 0	0 2 9 7 0 0 1 9 9	0 3 6 2 0 0 1 8	0 3 6 2 0 0 1 8 3	0 3 6 2 0 0 1 8	0 3 6 2 0 0 1 8	0 3 6 2 0 0 1 8 8	0 3 6 2 0 0 1 8 9	0 3 6 3 0 0 0 1 9 0	0 3 6 3 0 0 1 9	0 3 6 3 0 0 1 9 2	0 3 6 3 0 0 0 1 9 3	0 3 6 3 0 0 1 9 4	0 3 6 3 0 0 1 9 5	0 3 6 4 0 0 1 9	0 3 6 4 0 0 1 9 7	0 3 6 4 0 0 1 9 8	0 3 6 4 0 0 2 0	0 3 6 4 0 0 2 0	0 3 6 4 0 0 2 0	0 3 6 5 0 0 2 0	0 3 6 5 0 0 2 0 7	0 3 6 5 0 0 2 0	0 3 6 5 0 0 2 0	0 3 6 5 0 0 2 1	0 0 8 4 0 0 2 0
Alimentary System NONE Cardiovascular System		_ 1	4	2	/	0	9	1	3	5	6	8	9	0	1	2	3	4	5	6	[/	8	2	3	4	6	/	8	9	0	5
NONE Endocrine System																															
NONE General Body System																															
NONE Genital System																															
NONE Hematopoietic System																															
NONE Integumentary System																															
Skin Skin, Control Skin, SOA-No Mass Musculoskeletal System		+ + +	+ +	+ + +	+ +	+ +	+	+ +	+	+	+ +	+	+ +	+	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+	+ +	+ +	+	+	+	+ +	+ +

NONE

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:53 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male BPO 20/ COMPLETE	DAY ON TEST ANIMAL ID	1 3 8	0 1 3 9 0 0 1 8 4	0 2 1 7 0 0 1 8 2	0 2 1 8 0 0 1 8 7	0 0 2 7 0 0 2 0 0 0	0 2 9 7 0 0 1 9 9	0 3 6 2 0 0 1 8 1	0 3 6 2 0 0 1 8 3	0 3 6 2 0 0 1 8 5	0 3 6 2 0 0 1 8 6	0 3 6 2 0 0 1 8 8	0 3 6 2 0 0 1 8 9	0 3 6 3 0 0 1 9 0	0 3 6 3 0 0 1 9 1	0 3 6 3 0 0 1 9 2	0 3 6 3 0 0 1 9 3	0 3 6 3 0 0 1 9 4	0 3 6 3 0 0 1 9 5	0 3 6 4 0 0 1 9 6	0 3 6 4 0 0 1 9 7	0 3 6 4 0 0 1 9 8	0 3 6 4 0 0 2 0 2	0 3 6 4 0 0 2 0 3	0 3 6 4 0 0 2 0 4	<i>0</i> 3 6 5 0 0 2 0 6	0 3 6 5 0 0 2 0 7	0 3 6 5 0 0 2 0 8	0 3 6 5 0 0 2 0 9	0 3 6 5 0 0 2 1 0	0 0 8 4 0 0 2 0 5
Nervous System					•						•						•														
NONE Respiratory System																															
NONE Special Senses System																															
NONE Urinary System																															
NONE Systemic Lesions																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION		P17: 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: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA					
Species/Strain: Mouse/SENCAR	र		Lab: BAT					
	DAY ON TEST							
SENCAR Mouse Male								
BPO 20/ COMPLETE								
	ANIMAL ID							
		<u>*TOTALS</u>						
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		20						
Skin, SOA-No Mass Musculoskeletal System		30						
-								
NONE Nervous System								
Nervous System								

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03		P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/21/2014				
Test Type: INIT/PROMOT		Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	Time Report Requested: 07:07:54				
Route: SKIN APPLICATION		CAS Number: INIT/PROM	First Dose M/F: NA / NA				
Species/Strain: Mouse/SENCAR			Lab: BAT				
	DAY ON TEST						
SENCAR Mouse Male							
BPO 20/ COMPLETE							
	ANIMAL ID						
		*TOTALS_					
NONE							
Respiratory System							
NONE							
Special Senses System							
NONE							
Urinary System							
NONE							
SYSTEMIC LESIONS							
Multiple Organ		30					

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA0.25/ TPA 5

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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)									
Test Type: INIT/PROMOT	Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)									
Route: SKIN APPLICATION	CAS Number: INIT/PROM									
Species/Strain: Mouse/SENCAR										
DAY ON TEST										
SENCAR Mouse Male										
DMBA0.25/ TPA 5										
ANIMAL ID										
	*TOTALS_									
Respiratory System										
NONE										
Special Senses System										
NONE										
Urinary System										
NONE										
SYSTEMIC LESIONS										
Multiple Organ	0									

* .. 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 Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ TPA 5

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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03	P17: NE
Test Type: INIT/PROMOT	Tes
Route: SKIN APPLICATION	
Species/Strain: Mouse/SENCAR	
DAY ON TEST	
SENCAR Mouse Male	
DMBA 2.5/ TPA 5	
ANIMAL ID	
	*TOTALS
Respiratory System	

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

<u>S</u>

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ

0

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 25/ TPA 5

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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03	P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)	Date Report Requested: 10/21/2014
Test Type: INIT/PROMOT	Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)	Time Report Requested: 07:07:54
Route: SKIN APPLICATION	CAS Number: INIT/PROM	First Dose M/F: NA / NA
Species/Strain: Mouse/SENCAR		Lab: BAT
DAY ON TEST		
SENCAR Mouse Male		
DMBA 25/ TPA 5		
ANIMAL ID		
	*TOTALS_	
Respiratory System		
NONE		
Special Senses System		
NONE		
Urinary System		
NONE		
SYSTEMIC LESIONS		
Multiple Organ	0	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 2.5/ BPO 20	DAY ON TEST ANIMAL ID	2 9 3	0 3 0 9 0 0 3 1 0	0 3 1 7 0 0 3 1 6	0 3 4 2 0 0 3 0 1	0 3 4 5 0 0 3 1 1	0 3 5 2 0 0 3 1 2	0 3 6 2 0 0 3 0 2	0 3 6 2 0 0 3 0 3 0 3	0 3 6 2 0 0 3 0 4	0 3 6 2 0 0 3 0 5	0 3 6 2 0 0 3 0 6	0 3 6 2 0 0 3 0 7	0 3 6 3 0 0 3 0 8	0 3 6 3 0 0 3 0 9	0 3 6 3 0 0 3 1 3	0 3 6 3 0 0 3 1 4	0 3 6 4 0 0 3 1 5	0 3 6 4 0 0 3 1 7	0 3 6 4 0 0 3 1 8	0 3 6 4 0 0 3 2 0	0 3 6 4 0 0 3 2 1	0 3 6 4 0 0 3 2 2	0 3 6 5 0 0 3 2 3	0 3 6 5 0 0 3 2 4	0 3 6 5 0 0 3 2 5	0 3 6 5 0 0 3 2 6	0 3 6 5 0 0 3 2 7	0 3 6 5 0 0 3 2 8	0 3 6 5 0 0 3 3 0	0 0 5 6 0 0 3 2 9
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 Keratoacanthoma, Multiple		т	т		т	т	т	×	т	т		т				т	т			т			T	т	т	т	т Х	т	т		
Squamous Cell Carcinoma		Х				Х			Х							Х							Х		Х	Х		Х			

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 2.5/ BPO 20	ANIMAL ID	<i>0</i> <i>2</i> <i>9</i> <i>3</i> 0 0 3 1 9	0 3 0 9 0 0 3 1 0	0 3 1 7 0 0 3 1 6	0 3 4 2 0 0 3 0 1	0 3 4 5 0 0 3 1 1	0 3 5 2 0 0 3 1 2	0 3 6 2 0 0 3 0 2	0 3 6 2 0 0 3 0 3	0 3 6 2 0 0 3 0 4	0 3 6 2 0 0 3 0 5	0 3 6 2 0 0 3 0 6	0 3 6 2 0 0 3 0 7	0 3 6 3 0 0 3 0 8	0 3 6 3 0 0 3 0 9	0 3 6 3 0 0 3 1 3	0 3 6 3 0 0 3 1 4	0 3 6 4 0 3 1 5	0 3 6 4 0 0 3 1 7	0 3 6 4 0 0 3 1 8	0 3 6 4 0 0 3 2 0	0 3 6 4 0 0 3 2 1	0 3 6 4 0 0 3 2 2	0 3 6 5 0 0 3 2 3	0 3 6 5 0 0 3 2 4	0 3 6 5 0 0 3 2 5	0 3 6 5 0 0 3 2 6	0 3 6 5 0 0 3 2 7	0 3 6 5 0 0 3 2 8	0 3 6 5 0 0 3 3 0	0 0 5 6 0 0 3 2 9
Squamous Cell Carcinoma, Squamous Cell Papilloma	Multiple		Х				Х																	х		х			Х		
Squamous Cell Papilloma,	Multiple	Х			Х	Х	Х		Х	Х		Х					Х			Х							Х				
Skin, SOA-No Mass		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Musculoskeletal System																															
NONE																															
Nervous System																															
NONE Respiratory System																															
NONE Special Senses System																															
NONE Urinary System																															
NONE Systemic lesions																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

 $^{\ast}\,$..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ BPO 20

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	17
Skin, SOA-Mass	19
Keratoacanthoma	1
Keratoacanthoma, Multiple	1
Squamous Cell Carcinoma	8
Squamous Cell Carcinoma, Multiple	3

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

P17: 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: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ BPO 20

	ANIMAL ID	
		*TOTALS
Squamous Cell Papilloma		2
Squamous Cell Papilloma, Mult	iple	10
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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 25/ BPO 20	ANIMAL ID	1 7 4	0 2 1 7 0 0 3 3 8	0 2 5 0 0 3 3 5	0 2 5 1 0 0 3 4 7	0 2 8 2 0 0 3 4 6	<i>0</i> 2 9 9 0 0 3 5 5	0 3 0 2 0 0 3 3 2	0 3 0 2 0 3 5 0	0 3 0 9 0 3 3 1	0 3 4 0 0 3 5 2	0 3 4 1 0 0 3 4 1	0 3 5 2 0 0 3 4 0	0 3 5 9 0 0 3 5 7	0 3 6 2 0 0 3 3 3 3	0 3 6 2 0 0 3 3 4	0 3 6 2 0 0 3 3 7	<i>0</i> <i>3</i> <i>6</i> <i>2</i> 0 0 3 3 9	<i>0</i> <i>3</i> <i>6</i> <i>3</i> 0 0 3 4 2	0 3 6 3 0 0 3 4 3	0 3 6 3 0 0 3 4 4	0 3 6 3 0 0 3 4 5	0 3 6 3 0 0 3 4 8	0 3 6 4 0 0 3 4 9	0 3 6 4 0 0 3 5 1	0 3 6 4 0 0 3 5 3	0 3 6 4 0 0 3 5 4	0 3 6 4 0 0 3 5 6	0 3 6 5 0 0 3 5 8	0 3 6 5 0 0 3 5 9	0 3 6 5 0 0 3 6 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		+				+		+			+		+	+						+	+ X										
Skin, Control Skin, SOA-Mass Keratoacanthoma		+	+	+ +	+ +	+	+ +	+	+ + X	+		+ +	+	+		+		+ +	+	+ +	+	+ X	+ +	+	+	+ +	+ X	+ +	+ +	+ +	+
Squamous Cell Carcinoma			Х		Х							х						Х			Х					х	X		х		

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 25/ BPO 20	DAY ON TEST ANIMAL ID	0 1 7 4 0 0 3 3 6	0 2 1 7 0 0 3 3 8	0 2 5 0 0 3 3 5	0 2 5 1 0 0 3 4 7	0 2 8 2 0 0 3 4 6	0 2 9 9 0 0 3 5 5	0 3 0 2 0 0 3 3 2	0 3 0 2 0 0 3 5 0	0 3 0 9 0 0 3 3 1	0 3 4 0 0 3 5 2	0 3 4 1 0 0 3 4 1	0 3 5 2 0 0 3 4 0	0 3 5 9 0 0 3 5 7	0 3 6 2 0 0 3 3 3 3	0 3 6 2 0 0 3 3 4	0 3 6 2 0 0 3 3 7	0 3 6 2 0 0 3 3 9	0 3 6 3 0 0 3 4 2	0 3 6 3 0 0 3 4 3	0 3 6 3 0 0 3 4 4	0 3 6 3 0 0 3 4 5	0 3 6 3 0 0 3 4 8	0 3 6 4 0 0 3 4 9	0 3 6 4 0 0 3 5 1	0 3 6 4 0 0 3 5 3	0 3 6 4 0 0 3 5 4	0 3 6 4 0 0 3 5 6	0 3 6 5 0 0 3 5 8	0 3 6 5 0 0 3 5 9	0 3 6 5 0 0 3 6 0
Squamous Cell Carcinoma, Squamous Cell Papilloma Squamous Cell Papilloma, I Subcut Tiss, Fibrosarcoma Skin, SOA-No Mass		+		X +	X +	+	X +	+	X +	X X +	+	+	+	+	+	+	+	X +	+	X +	X +	X +	X +	х	+	+	X +	X X +	X +	X +	+
Musculoskeletal System NONE Nervous System																															
NONE Respiratory System NONE Special Senses System																															
NONE Urinary System NONE SYSTEMIC LESIONS																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

 $^{\ast}\,$..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

DAY	ON	TEST
-----	----	------

SENCAR Mouse Male DMBA 25/ BPO 20

ANIMAL ID

*TOTALS

NONE Cardiovascular System

Caralovascular Cyst

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	8
Squamous Cell Papilloma	1
Skin, Control	20
Skin, SOA-Mass	19
Keratoacanthoma	3
Squamous Cell Carcinoma	8
Squamous Cell Carcinoma, Multiple	5

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

P17: 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: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 25/ BPO 20

	ANIMAL ID
	*TOTALS
Squamous Cell Papilloma	6
Squamous Cell Papilloma, Mul	tiple 5
Subcut Tiss, Fibrosarcoma	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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR			IS BY INDIVIDUAL ANIMAL (SYSTEMIC LES bund: Init/prom comparative mouse study (DMBA/TI CAS Number: INIT/PROM	=	Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 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***		

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

5

8 6

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9 0

8 7

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8 2 8 3

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Test Type: INIT/PROMOT				٦	Test	Com	npou	nd:	lnit/pi	om c	ompa	arativ	e moi	use s	tudy	(DME	BA/TF	PA/BF	PO/M	NNG))	
Route: SKIN APPLICATION										CAS	6 Nu	mbe	r: INI	T/PR	NOM							
Species/Strain: Mouse/SENCAR																						
	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SENCAR Mouse Femal	е	0	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
VEHICLE CONTROL	-	2 2	6 9	9 8	6 2	6 2	6 2	6 2	6 2	6 2	6 2	6 3	6 4	6 4	6 4	6 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 3	3	3	0 3	03	03	03	03	03	03	0 3	0 3	0 3	03	0 3	03	03	03	03	0 3	03
		8 8	6	8 5	6	6	6	6 4	6 5	6 6	6 7	6 9	7 0	7 1	7	73	74	7 5	7 6	77	7 8	7 9
Alimentary System			-						-									-				
NONE																						
Cardiovascular System																						
NONE																						
Endocrine System																						
NONE																						
General Body System																						
NONE																						

Genital System

NONE

Hematopoietic System

Experiment Number: 05117-03

NONE

Integumentary System

Mammary Gland			+																											
Adenocarcinoma			Х																											
Skin	-	+ +	-	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin, SOA-No Mass						+	+																							
Musculoskeletal System																														

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X .. Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:54 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Femal VEHICLE CONTROL	DAY ON TEST e ANIMAL ID	0 2 2	0 2 6 9 0 0 3 6 8	0 2 9 8 0 0 3 8 5	0 3 6 2 0 0 3 6 1	0 3 6 2 0 0 3 6 2	0 3 6 2 0 0 3 6 3	0 3 6 2 0 0 3 6 4	0 3 6 2 0 0 3 6 5	0 3 6 2 0 0 3 6 6	0 3 6 2 0 0 3 6 7	0 3 6 3 0 0 3 6 9	0 3 6 3 0 0 3 7 0	0 3 6 3 0 0 3 7 1	0 3 6 3 0 0 3 7 2	0 3 6 3 0 0 3 7 3	0 3 6 3 0 0 3 7 4	0 3 6 3 0 0 3 7 5	0 3 6 4 0 0 3 7 6	0 3 6 4 0 0 3 7 7	0 3 6 4 0 0 3 7 8	0 3 6 4 0 0 3 7 9	0 3 6 4 0 0 3 8 0	0 3 6 4 0 0 3 8 1	0 3 6 5 0 0 3 8 2	0 3 6 5 0 0 3 8 3	0 3 6 5 0 0 3 8 4	0 3 6 5 0 0 3 8 6	0 3 6 5 0 0 3 8 7	0 3 6 5 0 0 3 8 9	0 3 6 5 0 0 3 9 0
NONE Nervous System																															
NONE Respiratory System																															
NONE Special Senses System																															
NONE Urinary System																															
NONE Systemic Lesions																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female VEHICLE CONTROL

ANIMAL ID

*TOTALS

	101/1
Alimentary System	
NONE	
Cardiovascular System	
NONE	
Endocrine System	
NONE	
General Body System	
NONE	
Genital System	
NONE	
Hematopoietic System	
NONE	
Integumentary System	
Mammary Gland	
Adenocarcinoma	
Skin	
Skin, SOA-No Mass	
Musculoskeletal System	

NONE

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female VEHICLE CONTROL

ANIMAL ID

*TOTALS

Nervous System	
NONE Respiratory System	
NONE Special Senses System	
NONE Urinary System	
NONE SYSTEMIC LESIONS	
Multiple Organ	30

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

D. SENCAR Mouse Female DMBA0.25/ACETONE	AY ON TEST ANIMAL ID	3 4 9	0 3 6 2 0 0 3 9 1	0 3 6 2 0 0 3 9 2	0 3 6 2 0 0 3 9 3	0 3 6 2 0 0 3 9 4	0 3 6 2 0 0 3 9 5	0 3 6 2 0 0 3 9 6	0 3 6 2 0 0 3 9 7	0 3 6 3 0 0 3 9 8	0 3 6 3 0 0 3 9 9	0 3 6 3 0 0 4 0 0	0 3 6 3 0 0 4 0 1	0 3 6 3 0 0 4 0 2	0 3 6 3 0 0 4 0 3	0 3 6 3 0 0 4 0 4 0 4	0 3 6 4 0 0 4 0 5	0 3 6 4 0 0 4 0 6	0 3 6 4 0 0 4 0 7	0 3 6 4 0 0 4 0 8	0 3 6 4 0 0 4 0 9	0 3 6 4 0 0 4 1 0	0 3 6 4 0 0 4 1 1	0 3 6 4 0 0 4 1 2	0 3 6 5 0 0 4 1 3	0 3 6 5 0 0 4 1 4	0 3 6 5 0 0 4 1 5	0 3 6 5 0 0 4 1 6	0 3 6 5 0 0 4 1 8	0 3 6 5 0 0 4 1 9	0 3 6 5 0 0 4 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-No Mass Musculoskeletal System		+	+	+	+	+	+ +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NONE																															
 *Total animals with tissue examined +Tissue examined microscopically XLesion present IInsufficient tissue 	microscopically;	Total	anim	ials w	rith tu	mor							BLAN	ΑΑ	Autoly	ng tis: /sis p kamin	reclu														

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

DA SENCAR Mouse Female DMBA0.25/ACETONE	AY ON TEST ANIMAL ID	3 4 9	0 3 6 2 0 0 3 9 1	0 3 6 2 0 0 3 9 2	0 3 6 2 0 0 3 9 3	0 3 6 2 0 0 3 9 4	0 3 6 2 0 0 3 9 5	0 3 6 2 0 0 3 9 6	0 3 6 2 0 0 3 9 7	0 3 6 3 0 0 3 9 8	0 3 6 3 0 0 3 9 9	0 3 6 3 0 0 4 0 0	0 3 6 3 0 0 4 0 1	0 3 6 3 0 0 4 0 2	0 3 6 3 0 0 4 0 3	0 3 6 3 0 0 4 0 4 0 4	0 3 6 4 0 0 4 0 5	0 3 6 4 0 0 4 0 6	0 3 6 4 0 0 4 0 7	0 3 6 4 0 0 4 0 8	0 3 6 4 0 0 4 0 9	0 3 6 4 0 0 4 1 0	0 3 6 4 0 0 4 1 1	0 3 6 4 0 0 4 1 2	0 3 6 5 0 0 4 1 3	0 3 6 5 0 0 4 1 4	0 3 6 5 0 0 4 1 5	0 3 6 5 0 0 4 1 6	0 3 6 5 0 0 4 1 8	0 3 6 5 0 0 4 1 9	0 3 6 5 0 0 4 2 0
Nervous System																															
NONE Respiratory System																															
NONE Special Senses System																															
NONE Urinary System																															
NONE SYSTEMIC LESIONS																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA0.25/ACETONE

ANIMAL ID

*TOTALS

27 2 2

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-No Mass Musculoskeletal System	
NONE	

Nervous	System
Nervous	System

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA0.25/ACETONE

ANIMAL ID

*TOTALS

30

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Fema DMBA 2.5/ACETONE	DAY ON TEST I le ANIMAL ID	0 3 5 0 0 0 4 3 8	3 6 2 0 0 4	6 2 0	3 6 2 0 0 4	0 3 6 2 0 0 4 2 4	0 3 6 2 0 0 4 2 5	0 3 6 2 0 0 4 2 6	0 3 6 2 0 0 4 2 7	0 3 6 2 0 0 4 2 8	0 3 6 3 0 0 4 2 9	0 3 6 3 0 0 4 3 0	0 3 6 3 0 0 4 3 1	0 3 6 3 0 0 4 3 2	0 3 6 3 0 0 4 3 3	0 3 6 3 0 0 4 3 4	0 3 6 3 0 0 4 3 5	0 3 6 3 0 0 4 3 6	0 3 6 4 0 0 4 3 7	0 3 6 4 0 0 4 3 9	0 3 6 4 0 0 4 4 0	0 3 6 4 0 0 4 4 1	0 3 6 4 0 0 4 4 2	0 3 6 4 0 0 4 4 3	0 3 6 5 0 0 0 8 3	0 3 6 5 0 0 4 4 4 4	0 3 6 5 0 0 4 4 5	0 3 6 5 0 0 4 4 6	0 3 6 5 0 0 4 4 7	0 3 6 5 0 0 4 4 8	0 3 6 5 0 0 4 4 9	0 3 6 5 0 0 4 5 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-No Mass Musculoskeletal System NONE		+	+	+	+	+	+	+	+	+ +	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

DA SENCAR Mouse Female DMBA 2.5/ACETONE	AY ON TEST ANIMAL ID	3 5 0	0 3 6 2 0 0 4 2 1	0 3 6 2 0 0 4 2 2	0 3 6 2 0 0 4 2 3	0 3 6 2 0 0 4 2 4	0 3 6 2 0 0 4 2 5	0 3 6 2 0 0 4 2 6	0 3 6 2 0 0 4 2 7	0 3 6 2 0 0 4 2 8	0 3 6 3 0 0 4 2 9	0 3 6 3 0 0 4 3 0	0 3 6 3 0 0 4 3 1	0 3 6 3 0 0 4 3 2	0 3 6 3 0 0 4 3 3	0 3 6 3 0 0 4 3 4	0 3 6 3 0 0 4 3 5	0 3 6 3 0 0 4 3 6	0 3 6 4 0 0 4 3 7	0 3 6 4 0 0 4 3 9	0 3 6 4 0 0 4 4 0	0 3 6 4 0 0 4 4 1	0 3 6 4 0 0 4 4 2	0 3 6 4 0 0 4 4 3	0 3 6 5 0 0 0 8 3	0 3 6 5 0 0 4 4 4 4	0 3 6 5 0 0 4 4 5	0 3 6 5 0 0 4 4 6	0 3 6 5 0 0 4 4 7	0 3 6 5 0 0 4 4 8	0 3 6 5 0 0 4 4 9	0 3 6 5 0 0 4 5 0
Nervous System																																
NONE Respiratory System																																
NONE Special Senses System																																
NONE Urinary System																																
NONE Systemic lesions																																
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ACETONE

ANIMAL ID

*TOTALS

25 2 5

	101
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-No Mass	
Musculoskeletal System	
NONE	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ACETONE

ANIMAL ID

*TOTALS

31

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

SENCAR Mouse Fema DMBA 25/ACETONE	DAY ON TEST le ANIMAL ID	3 5 0	0 3 6 2 0 0 4 5 1	0 3 6 2 0 0 4 5 2	0 3 6 2 0 0 4 5 3	0 3 6 2 0 0 4 5 4	0 3 6 2 0 0 4 5 5	0 3 6 2 0 0 4 5 6	0 3 6 3 0 0 4 5 8	0 3 6 3 0 0 4 5 9	0 3 6 3 0 0 4 6 0	0 3 6 3 0 0 4 6 1	0 3 6 3 0 0 4 6 2	0 3 6 3 0 0 4 6 3	0 3 6 3 0 0 4 6 4	0 3 6 3 0 0 4 6 5	0 3 6 4 0 0 4 6 6	0 3 6 4 0 4 6 7	0 3 6 4 0 0 4 6 9	0 3 6 4 0 0 4 7 0	0 3 6 4 0 0 4 7 1	0 3 6 4 0 0 4 7 2	0 3 6 4 0 0 4 7 3	0 3 6 5 0 0 4 7 4	0 3 6 5 0 0 4 7 5	0 3 6 5 0 0 4 7 6	0 3 6 5 0 0 4 7 7	0 3 6 5 0 0 4 7 8	0 3 6 5 0 0 4 7 9	0 3 6 5 0 0 4 8 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, SOA-No Mass Musculoskeletal System		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ X +	+
NONE																														

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

DAY ON T SENCAR Mouse Female DMBA 25/ACETONE ANIM/	0 3 5 0 0 0 4 6 8	0 3 6 2 0 0 4 5 1	0 3 6 2 0 0 4 5 2	0 3 6 2 0 0 4 5 3	0 3 6 2 0 0 4 5 4	0 3 6 2 0 0 4 5 5	0 3 6 2 0 0 4 5 6	0 3 6 3 0 0 4 5 8	0 3 6 3 0 0 4 5 9	0 3 6 3 0 0 4 6 0	0 3 6 3 0 0 4 6 1	0 3 6 3 0 0 4 6 2	0 3 6 3 0 0 4 6 3	0 3 6 3 0 0 4 6 4	0 3 6 3 0 0 4 6 5	0 3 6 4 0 0 4 6 6	0 3 6 4 0 0 4 6 7	0 3 6 4 0 0 4 6 9	0 3 6 4 0 0 4 7 0	0 3 6 4 0 0 4 7 1	0 3 6 4 0 0 4 7 2	0 3 6 4 0 0 4 7 3	0 3 6 5 0 0 4 7 4	0 3 6 5 0 0 4 7 5	0 3 6 5 0 0 4 7 6	0 3 6 5 0 0 4 7 7	0 3 6 5 0 0 4 7 8	0 3 6 5 0 0 4 7 9	0 3 6 5 0 0 4 8 0
Nervous System																			-										
NONE Respiratory System																													
NONE Special Senses System																													
NONE Urinary System																													
NONE SYSTEMIC LESIONS																													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ACETONE

ANIMAL ID

*TOTALS

26 1 4

	101
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, SOA-No Mass Musculoskeletal System	
NONE	

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ACETONE

ANIMAL ID

*TOTALS

29

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:55 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT **Route: SKIN APPLICATION** Species/Strain: Mouse/SENCAR

SENCAR Mouse Female DMBA2.5/COMPLETE	ANIMAL ID	2 3 5	0 2 5 0 0 4 8	0 2 5 0 0 4 9	2 5 0 0 5 0	0 2 5 1 0 4 9	2 6 6 0 4 8	2 8 6 0 4 9	2 9 8 0 4 9	298 0049	2 9 9 0 0 5 0	0 3 1 0 0 4 8	0 3 1 6 0 0 4 8	<i>3</i> <i>4</i> <i>0</i> 0050	0 3 4 1 0 0 4 8	<i>3</i> <i>4</i> <i>1</i> 0 5 0	0 3 5 2 0 0 4 9	3 5 2 0 0 5 0	<i>3</i> <i>5</i> <i>7</i> 0050	3 5 9 0 5 0 5 0	3 5 9 0051	0 3 6 2 0 0 4 8	3 6 2 0 4 8	3 6 2 0 0 4 8	0 3 6 2 0 0 4 8	0 3 6 3 0 0 4 9	3 6 3 0 4 9	0 3 6 3 0 0 4 9	0 3 6 4 0 0 4 9	364 0050	0 3 6 5 0 0 5 0
Alimentary System		3	7	ő	1	1	5	5	2	3	ő	3	Ĩ	7	6	Õ	7	4	8	9	Ó	2	4	8	9	Ő	4	8	9	2	5
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 Basal Cell Carcinoma Keratoacanthoma		+ +	+	+	+	+	+	+	+	+ X	+	+	+	+	+ +	+ +	+	+	+ +	+ +	+ + +	+	+		+ X	+	+	+	+	+ +	+ + +

* .. 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

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

DAY ON TEST SENCAR Mouse Female DMBA2.5/COMPLETE ANIMAL ID	0 2 3 5 0 0 5 0 3	0 2 5 0 0 4 8 7	0 2 5 0 0 0 4 9 6	0 2 5 0 0 5 0 1	0 2 5 1 0 0 4 9 1	0 2 6 6 0 0 4 8 5	0 2 8 6 0 0 4 9 5	0 2 9 8 0 0 4 9 2	0 2 9 8 0 0 4 9 3	0 2 9 9 0 0 5 0 6	0 3 1 0 0 4 8 3	0 3 1 6 0 0 4 8 1	0 3 4 0 0 5 0 7	0 3 4 1 0 0 4 8 6	0 3 4 1 0 0 5 0 0	0 3 5 2 0 0 4 9 7	0 3 5 2 0 0 5 0 4	0 3 5 7 0 0 5 0 8	0 3 5 9 0 0 5 0 9	0 3 5 9 0 0 5 1 0	0 3 6 2 0 0 4 8 2	0 3 6 2 0 0 4 8 4	0 3 6 2 0 0 4 8 8	0 3 6 2 0 0 4 8 9	0 3 6 3 0 0 4 9 0	0 3 6 3 0 0 4 9 4	0 3 6 3 0 0 4 9 8	0 3 6 4 0 0 4 9 9	0 3 6 4 0 0 5 0 2	0 3 6 5 0 0 5 0 5
Squamous Cell Carcinoma Squamous Cell Carcinoma, Multiple Squamous Cell Papilloma Squamous Cell Papilloma, Multiple Subcut Tiss, Fibrosarcoma	x	х	х	x	Х	x x	Х	Х	x x	х	x x	x x x	х	X	x x	Х	х	x	x x	x	Х	Х		x x	x x	X	х	x	x x	X
Skin, SOA-No Mass Musculoskeletal System NONE Nervous System NONE	+	+	+	+	+			+			+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+
NONE Respiratory System NONE Special Senses System NONE																														
NONE Urinary System NONE SYSTEMIC LESIONS Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

 * ..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
 A ..Autolysis precludes evaluation

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA2.5/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
Skin, Control
Skin, SOA-Mass
Basal Cell Carcinoma
Keratoacanthoma
Keratoacanthoma, Multiple
Squamous Cell Carcinoma

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

P17: 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: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA2.5/COMPLETE

ANIMAL ID

	*TOTALS
Squamous Cell Carcinoma, Multiple	12
Squamous Cell Papilloma	3
Squamous Cell Papilloma, Multiple	6
Subcut Tiss, Fibrosarcoma	1
Skin, SOA-No Mass	24
Musculoskeletal System	
NONE	
Nervous System	
NONE	
Respiratory System	
NONE	
Special Senses System	
NONE	
Urinary System	
NONE	
SYSTEMIC LESIONS	
Multiple Organ	30

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

P17: 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: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female TPA 5/ 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

NONE

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

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female TPA 5/ COMPLETE

ANIMAL ID

***TOTALS**

Respiratory System

NONE Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ

0

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

SENCAR Mouse Fema BPO 20/ COMPLETE	DAY ON TEST ale ANIMAL ID	3 1 6	0 3 3 3 0 0 5 6 5	0 3 6 2 0 0 5 4 1	0 3 6 2 0 0 5 4 2	0 3 6 2 0 0 5 4 3	0 3 6 2 0 0 5 4 4	0 3 6 2 0 0 5 4 5	0 3 6 2 0 0 5 4 6	0 3 6 2 0 0 5 4 7	0 3 6 3 0 0 5 4 8	0 3 6 3 0 0 5 4 9	0 3 6 3 0 0 5 5 0	0 3 6 3 0 0 5 5 1	0 3 6 3 0 0 5 5 2	0 3 6 3 0 0 5 5 3	0 3 6 3 0 0 5 5 4	0 3 6 4 0 5 5 5 5	0 3 6 4 0 5 5 6	0 3 6 4 0 0 5 5 7	0 3 6 4 0 5 5 8	0 3 6 4 0 0 5 5 9	0 3 6 4 0 0 5 6 0	0 3 6 4 0 0 5 6 1	0 3 6 5 0 0 5 6 2	0 3 6 5 0 0 5 6 3	0 3 6 5 0 0 5 6 4	0 3 6 5 0 0 5 6 6 6	0 3 6 5 0 0 5 6 7	0 3 6 5 0 0 5 6 9	0 3 6 5 0 0 5 7 0
Alimentary System																															
NONE Cardiovascular System																															
NONE Endocrine System																															
NONE General Body System																															
NONE Genital System																															
NONE Hematopoietic System																															
NONE Integumentary System																															
Mammary Gland Adenocarcinoma Skin Skin, Control Skin, SOA-No Mass		+	+ X + +	+	+ +	+ +	+	+ +	+	+	+ +	+ +	+ +	+	+ +	+ +	+	+	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+	+ +	+ +

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

Experiment Number: 05117-03

Test Type: INIT/PROMOT

Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Fem BPO 20/ COMPLETE	DAY ON TEST ale ANIMAL ID	3 1 6	0 3 3 3 0 0 5 6 5	0 3 6 2 0 0 5 4 1	0 3 6 2 0 0 5 4 2	0 3 6 2 0 0 5 4 3	0 3 6 2 0 0 5 4 4	0 3 6 2 0 0 5 4 5	0 3 6 2 0 0 5 4 6	0 3 6 2 0 0 5 4 7	0 3 6 3 0 0 5 4 8	0 3 6 3 0 0 5 4 9	0 3 6 3 0 0 5 5 0	0 3 6 3 0 0 5 5 1	0 3 6 3 0 0 5 5 2	0 3 6 3 0 0 5 5 3	0 3 6 3 0 5 5 4	0 3 6 4 0 5 5 5	0 3 6 4 0 5 5 6	0 3 6 4 0 0 5 5 7	0 3 6 4 0 5 5 8	0 3 6 4 0 5 5 9	0 3 6 4 0 0 5 6 0	0 3 6 4 0 0 5 6 1	0 3 6 5 0 0 5 6 2	0 3 6 5 0 0 5 6 3	0 3 6 5 0 0 5 6 4	0 3 6 5 0 0 5 6 6	0 3 6 5 0 0 5 6 7	0 3 6 5 0 0 5 6 9	0 3 6 5 0 0 5 7 0
Musculoskeletal System																															
NONE Nervous System																															
NONE Respiratory System																															
NONE Special Senses System																															
NONE Urinary System																															
NONE Systemic Lesions																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female BPO 20/ COMPLETE

ANIMAL ID

*TOTALS

	101/1
Alimentary System	
NONE	
Cardiovascular System	
NONE	
Endocrine System	
NONE	
General Body System	
NONE	
Genital System	
NONE	
Hematopoietic System	
NONE	
Integumentary System	
Mammary Gland	
Adenocarcinoma	
Skin	
Skin, Control	
Skin, SOA-No Mass	
Musculoskeletal System	

NONE

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female BPO 20/ COMPLETE

ANIMAL ID

*TOTALS

Nervous System	
NONE Respiratory System	
NONE Special Senses System	
NONE Urinary System	
NONE SYSTEMIC LESIONS	

Multiple Organ

30

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA0.25/ TPA 5

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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA0.25/ TPA 5

ANIMAL ID

***TOTALS**

Respiratory System

NONE Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ

0

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ TPA 5

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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ TPA 5

ANIMAL ID

***TOTALS**

Respiratory System

NONE

Special Senses System

NONE Urinary System

NONE

SYSTEMIC LESIONS

Multiple Organ

0

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ TPA 5

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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ TPA 5

ANIMAL ID

***TOTALS**

Respiratory System

NONE Special Senses System

NONE

Urinary System

NONE SYSTEMIC LESIONS

Multiple Organ

0

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

8 2 0 0 6 8 1	7 3 0 0 6 8 2	9 5 0 0 6 6 1	9 5 0 6 6 5	9 8 0 0 6 8 5	3 3 0 0 6 8 3	3 4 0 6 7 6	4 0 0 6 6 8	5 2 0 0 6 8 9	6 2 0 0 6 6 2	6 2 0 0 6 6 3	6 2 0 0 6 6 4	6 2 0 0 6 6 6 6	6 2 0 0 6 6 7	6 3 0 0 6 6 9	6 3 0 0 6 7 0	6 3 0 0 6 7 1	6 3 0 6 7 2	6 3 0 0 6 7 3	6 4 0 6 7 4	6 4 0 6 7 5	6 4 0 0 6 7 7	6 4 0 0 6 7 8	6 4 0 0 6 7 9	6 4 0 0 6 8 0	6 5 0 6 8 4	6 5 0 6 8 6	6 5 0 6 8 7	6 6 5 5 0 0 0 0 6 6 8 9 8 0
0 0 6	0 0 6	0 0 6 6	0 0 6 6	0 0 6	0 0 6 8	0 0 6 7	0 0 6 6	0 0 6 8	0 0 6 6	0 0 6	0 0 6 6	0 0 6 6	0 0 6 6	0 0 6 6	0 0 6 7	0 0 6	0 0 6 7	0 0 6 8	0 0 6 8	0 0 6 8	0 0 6	0 0 0 0 6 6 8 9						
																							•					
+													+															
	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+ +
	+	+ X	+ X	+	+		+	+	+	+ X	+	+	+	+	+	+ X	+	+ X		+	+		+				+	+
	х		X		Х		Х	Х			Х			Х				х			х		Х				х	
/;		+ + X	+ + + + X X	+ + + + + + X X X X	+ + + + + + + + X X	+ + + + + + + + + + X X X X X	+ + + + + + + + + + + + X X X X X X X X	+ + + + + + + + + + + + + + X X X X X X	+ + + + + + + + + + + + + + + + X X X X	+ + + + + + + + + + + + + + + + + + + X X X X	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + + +	+ + + + + + + + + + + + + + + + + + +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +

+ ...Tissue examined microscopically

Experiment Number: 05117-03

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

X ..Lesion present

I .. Insufficient tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

SENCAR Mouse Fema DMBA 2.5/ BPO 20	DAY ON TEST I le ANIMAL ID	1 8 2	0 2 7 3 0 0 6 8 2	0 2 9 5 0 0 6 6 1	0 2 9 5 0 0 6 6 5	0 2 9 8 0 0 6 8 5	0 3 3 3 0 0 6 8 3	0 3 4 0 0 6 7 6	0 3 4 0 0 0 6 6 8	0 3 5 2 0 0 6 8 9	0 3 6 2 0 0 6 6 2	0 3 6 2 0 0 6 6 3	0 3 6 2 0 0 6 6 4	0 3 6 2 0 0 6 6 6 6	0 3 6 2 0 0 6 6 7	0 3 6 3 0 0 6 6 9	0 3 6 3 0 0 6 7 0	0 3 6 3 0 0 6 7 1	0 3 6 3 0 0 6 7 2	0 3 6 3 0 0 6 7 3	0 3 6 4 0 0 6 7 4	0 3 6 4 0 0 6 7 5	0 3 6 4 0 0 6 7 7 7	0 3 6 4 0 0 6 7 8	0 3 6 4 0 0 6 7 9	0 3 6 4 0 0 6 8 0	0 3 6 5 0 0 6 8 4	0 3 6 5 0 0 6 8 6	0 3 6 5 0 0 6 8 7	0 3 6 5 0 0 6 8 8	0 3 6 5 0 0 6 9 0
Squamous Cell Carcinoma, Squamous Cell Papilloma				X X		Х			Х	х					Х				х			Х			х						
Squamous Cell Papilloma, N Skin, SOA-No Mass	Multiple	+	+	+	+	+	+	+	+	+	X +	+	+	X +	+	+	X +	+	+	X +	+	+	+	+	+	+	+	+	+	X +	+
Musculoskeletal System		·		·	·	•	·	•	·	•	•			·		•				•	•	•	·	•	•	•	•	•			•
NONE Nervous System																															
NONE Respiratory System																															
NONE Special Senses System																															
NONE Urinary System																															
NONE SYSTEMIC LESIONS																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

 $^{\ast}\,$..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ BPO 20

ANIMAL ID

*TOTALS

1

11

3

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 Keratoacanthoma, Multiple

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

Squamous Cell Carcinoma

Squamous Cell Carcinoma, Multiple

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ BPO 20

	ANIMAL ID	
		*TOTALS
Squamous Cell Papilloma		6
Squamous Cell Papilloma, Multi	ple	5
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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

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

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:56 First Dose M/F: NA / NA Lab: BAT

0 0 0 0 0

3 3 3

6 6 6 5 5 5

3 6 5

0

0 7

1 6

+

+

+ +

3

6 5

0

Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR												r: IN			(20112	,,,,,,,	, v Bi	0,111	ining)			Fi		Dose BAT		
DAY ON TE SENCAR Mouse Female DMBA 25/ BPO 20	1 1 7	0 1 2 0	0 2 5 0	0 3 1 0	0 3 2 0	0 3 2 3	0 3 4 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	
ANIMAL	ID 0 7 0 4	0 0 7 0 7	0 0 6 9 3	0 0 6 9 8	0 0 7 1 8	0 0 7 1 5	0 0 7 1 9	0 0 6 9 1	0 0 6 9 2	0 0 6 9 4	0 0 6 9 5	0 0 6 9 6	0 0 6 9 7	0 0 6 9 9	0 0 7 0 0	0 0 7 0 1	0 0 7 0 2	0 0 7 0 3	0 0 7 0 5	0 0 7 0 6	0 0 7 0 8	0 0 7 0 9	0 0 7 1 0	0 0 7 1 1	0 0 7 1 2	
Alimentary System																										
NONE Cardiovascular System																										
NONE Endocrine System																										
NONE General Body System																										
NONE Genital System																										
NONE Hematopoietic System																										
NONE Integumentary System																										
Skin Squamous Cell Carcinoma	+	+	+ X	+																+						
Skin, Control Skin, SOA-Mass Keratoacanthoma Keratoacanthoma, Multiple	+	+	+ + X	+	+ + X	+	+ + X	+	+ +	+	+ +	+ +	+ +	+ +	+ +	+ + X	+	+	+	+ + X	+		+ +	+ +		

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

Experiment Number: 05117-03

Test Type: INIT/PROMOT

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:57 First Dose M/F: NA / NA Lab: BAT

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

DAY ON TEST SENCAR Mouse Female DMBA 25/ BPO 20 ANIMAL ID	1 1 7	0 1 2 0 0 7 0 7	0 2 5 0 0 0 6 9 3	0 3 1 0 0 6 9 8	0 3 2 0 0 7 1 8	0 3 2 3 0 0 7 1 5	0 3 4 2 0 0 7 1 9	0 3 6 2 0 0 6 9 1	0 3 6 2 0 0 6 9 2	0 3 6 2 0 0 0 6 9 4	0 3 6 2 0 0 6 9 5	0 3 6 2 0 0 6 9 6	0 3 6 2 0 0 6 9 7	0 3 6 3 0 0 6 9 9 9	0 3 6 3 0 0 7 0 0	0 3 6 3 0 0 7 0 1	0 3 6 3 0 0 7 0 2	0 3 6 3 0 0 7 0 3	0 3 6 3 0 0 7 0 5	0 3 6 4 0 0 7 0 6	0 3 6 4 0 0 7 0 8	0 3 6 4 0 0 7 0 9	0 3 6 4 0 7 1 0	0 3 6 4 0 0 7 1 1	0 3 6 4 0 0 7 1 2	0 3 6 5 0 0 7 1 3	0 3 6 5 0 0 7 1 4	0 3 6 5 0 0 7 1 6	0 3 6 5 0 0 7 1 7	0 3 6 5 0 0 7 2 0
Sebaceous GI, Adenoma Squamous Cell Carcinoma Squamous Cell Carcinoma, Multiple Squamous Cell Papilloma Squamous Cell Papilloma, Multiple Skin, SOA-No Mass Musculoskeletal System	+	+	x x +	х	X +	+	x x +	+	X +	+	X +	X +	X +	X X +	X +	X +	+	X +	+	X X +	X +	+	X X +	X +	+	X X +	X X +		X +	X X +
NONE Nervous System																														
NONE Respiratory System																														
NONE Special Senses System																														
NONE Urinary System																														
NONE SYSTEMIC LESIONS																														
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

 * ..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
 A ..Autolysis precludes evaluation

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:07:57 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ BPO 20

ANIMAL ID

***TOTALS**

	^IC
Alimentary System	
NONE Cardiovascular System	
NONE Endocrine System	
NONE General Body System	
NONE Genital System	
NONE Hematopoietic System	
NONE Integumentary System	
Skin Squamous Cell Carcinoma Skin, Control Skin, SOA-Mass Keratoacanthoma Keratoacanthoma, Multiple Sebaceous GI, Adenoma	

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

P17: 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: 10/21/2014 Time Report Requested: 07:07:57 First Dose M/F: NA / NA Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ BPO 20

ANIMAL ID

	*TOTALS
Squamous Cell Carcinoma	9
Squamous Cell Carcinoma, Multiple	2
Squamous Cell Papilloma	8
Squamous Cell Papilloma, Multiple	8
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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

P17: 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: 10/21/2014 Time Report Requested: 07:07:57 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

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

X ..Lesion present

I .. Insufficient tissue

Experiment Number: 05117-03 Test Type: INIT/PROMOT Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR		P17: 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: 10/21/2014 Time Report Requested: 07:07:57 First Dose M/F: NA / NA Lab: BAT
D	AY 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