

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:15:42  
**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

**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:15:42  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
(Skin Paint Only) Clipper Injury	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 358	0 / 0	0 / 31
(Skin Paint Only) Crusty	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	1 / 31 DAY 40
(Skin Paint Only) Cuts	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
(Skin Paint Only) Discoloration	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
(Skin Paint Only) Erosion	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
(Skin Paint Only) Scaly	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Abnormal Posture	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Abscess Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	1 / 31 DAY 338

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:15:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abscess Groin	0 / 0	1 / 30 DAY 338	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Abscess Nose	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Abscess Penis	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Alopecia Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Alopecia Body Ventral	0 / 0	0 / 30	0 / 0	1 / 30 DAY 177	0 / 0	1 / 29 DAY 96	0 / 0	0 / 31
Alopecia Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Alopecia Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Alopecia Groin	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 310	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:15:48  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Carcinoma	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Circling	0 / 0	1 / 30 DAY 96	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Cyanosis Entire Animal	0 / 0	1 / 30 DAY 324	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Diarrhea	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Discharge Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Discharge Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Discharge Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:15:50  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Discoloration Entire Animal	0 / 0	1 / 30 DAY 338	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Dyspnea	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 118	0 / 0	1 / 31 DAY 262
Emaciated	0 / 0	0 / 30	0 / 0	1 / 30 DAY 296	0 / 0	1 / 29 DAY 110	0 / 0	0 / 31
Fractured Appendage Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Fractured Appendage Tail	0 / 0	3 / 30 DAY 303	0 / 0	0 / 30	0 / 0	1 / 29 DAY 358	0 / 0	0 / 31
Head Tilted	0 / 0	1 / 30 DAY 26	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Hypoactivity	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Irritation	0 / 0	1 / 30 DAY 254	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	1 / 31 DAY 118

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

**Experiment Number:** 051117-03  
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**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:15:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Limb Paralysis Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Micro-Ophthalmia Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Missing Anatomy Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 289	0 / 0	0 / 31
Missing Anatomy Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Missing Anatomy Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 96	0 / 0	0 / 31
Missing Anatomy Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Missing Anatomy Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Opacity Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:15:53  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Opacity Left Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Override	0 / 0	0 / 30	0 / 0	1 / 30 DAY 262	0 / 0	0 / 29	0 / 0	0 / 31
Pallor Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Papilloma	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Papilloma Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ruffled Fur	0 / 0	3 / 30 DAY 317	0 / 0	2 / 30 DAY 296	0 / 0	2 / 29 DAY 118	0 / 0	1 / 31 DAY 310
Sore Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 358	0 / 0	1 / 31 DAY 345

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:15:55  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Genitalia	0 / 0	0 / 30	0 / 0	1 / 30 DAY 262	0 / 0	0 / 29	0 / 0	0 / 31
Sore Groin	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Left Ear	0 / 0	2 / 30 DAY 310	0 / 0	1 / 30 DAY 310	0 / 0	0 / 29	0 / 0	0 / 31
Sore Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Left Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 282	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET



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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:15:57  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Right Ear	0 / 0	1 / 30 DAY 310	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	1 / 31 DAY 310
Sore Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Right Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Right Rear Leg	0 / 0	2 / 30 DAY 310	0 / 0	0 / 30	0 / 0	1 / 29 DAY 303	0 / 0	0 / 31
Sore Shoulder	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sore Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Sores Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 151	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:15:58  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Swelling Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	1 / 31 DAY 296
Swelling Body Ventral	0 / 0	2 / 30 DAY 268	0 / 0	0 / 30	0 / 0	1 / 29 DAY 358	0 / 0	2 / 31 DAY 262
Swelling Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Swelling Groin	0 / 0	2 / 30 DAY 345	0 / 0	1 / 30 DAY 358	0 / 0	1 / 29 DAY 317	0 / 0	4 / 31 DAY 310
Swelling Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Swelling Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Swelling Nose	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SEN CAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:00  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Penis	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	3 / 31 DAY 345
Swelling Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Swelling Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Swelling Tail	0 / 0	0 / 30	0 / 0	1 / 30 DAY 310	0 / 0	0 / 29	0 / 0	0 / 31
Thickened	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Tissue Mass Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Tissue Mass Body Ventral	0 / 0	1 / 30 DAY 262	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Tissue Mass Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:02  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Tissue Mass Head	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Tissue Mass Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	1 / 31 DAY 358
Tissue Mass Nose	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Tissue Mass Penis	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Tissue Mass Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 358	0 / 0	0 / 31
Tissue Mass Tail	0 / 0	0 / 30	0 / 0	1 / 30 DAY 338	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:04  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer Left Rear Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 124	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer Scrotum	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Shoulder	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Ulcer	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31
Urine Stain	0 / 0	1 / 30 DAY 338	0 / 0	1 / 30 DAY 338	0 / 0	0 / 29	0 / 0	0 / 31
Wound Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 29 DAY 165	0 / 0	0 / 31
Wound Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 29	0 / 0	0 / 31

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:06  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
(Skin Paint Only) Clipper Injury	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Crusty	0 / 0	5 / 30 DAY 26	0 / 0	2 / 30 DAY 89	0 / 0	16 / 30 DAY 12	0 / 0	15 / 30 DAY 12
(Skin Paint Only) Cuts	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Discoloration	0 / 0	3 / 30 DAY 184	0 / 0	6 / 30 DAY 12	0 / 0	28 / 30 DAY 12	0 / 0	27 / 30 DAY 12
(Skin Paint Only) Erosion	0 / 0	2 / 30 DAY 40	0 / 0	1 / 30 DAY 124	0 / 0	5 / 30 DAY 47	0 / 0	6 / 30 DAY 56
(Skin Paint Only) Scaly	0 / 0	19 / 30 DAY 68	0 / 0	11 / 30 DAY 12	0 / 0	30 / 30 DAY 12	0 / 0	30 / 30 DAY 12
Abnormal Posture	0 / 0	1 / 30 DAY 184	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Abscess Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:08  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abscess Groin	0 / 0	0 / 30	0 / 0	1 / 30 DAY 359	0 / 0	0 / 30	0 / 0	0 / 30
Abscess Nose	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Abscess Penis	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Anal Area	0 / 0	1 / 30 DAY 89	0 / 0	2 / 30 DAY 26	0 / 0	0 / 30	0 / 0	1 / 30 DAY 75
Alopecia Body Ventral	0 / 0	1 / 30 DAY 68	0 / 0	2 / 30 DAY 26	0 / 0	1 / 30 DAY 54	0 / 0	2 / 30 DAY 48
Alopecia Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 56
Alopecia Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Groin	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET



**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:09  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Carcinoma	0 / 0	12 / 30 DAY 247	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Circling	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Cyanosis Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Diarrhea	0 / 0	0 / 30	0 / 0	1 / 30 DAY 296	0 / 0	5 / 30 DAY 68	0 / 0	3 / 30 DAY 75
Discharge Body Dorsal	0 / 0	1 / 30 DAY 289	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 75	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:11  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Discoloration Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Dyspnea	0 / 0	1 / 30 DAY 289	0 / 0	0 / 30	0 / 0	1 / 30 DAY 61	0 / 0	0 / 30
Emaciated	0 / 0	3 / 30 DAY 262	0 / 0	1 / 30 DAY 310	0 / 0	5 / 30 DAY 61	0 / 0	0 / 30
Fractured Appendage Right Rear Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 54	0 / 0	0 / 30	0 / 0	0 / 30
Fractured Appendage Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Head Tilted	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Hypoactivity	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 82	0 / 0	0 / 30
Irritation	0 / 0	24 / 30 DAY 33	0 / 0	9 / 30 DAY 12	0 / 0	30 / 30 DAY 12	0 / 0	29 / 30 DAY 12

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:12  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Limb Paralysis Right Rear Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 54	0 / 0	0 / 30	0 / 0	0 / 30
Micro-Ophthalmia Right Eye	0 / 0	0 / 30	0 / 0	1 / 30 DAY 275	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Right Front Foot	0 / 0	1 / 30 DAY 145	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Tail	0 / 0	1 / 30 DAY 124	0 / 0	2 / 30 DAY 303	0 / 0	0 / 30	0 / 0	0 / 30
Opacity Both Eyes	0 / 0	0 / 30	0 / 0	1 / 30 DAY 40	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:14  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Opacity Left Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Override	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Pallor Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 75	0 / 0	0 / 30
Papilloma	0 / 0	27 / 30 DAY 177	0 / 0	0 / 30	0 / 0	3 / 30 DAY 61	0 / 0	8 / 30 DAY 54
Papilloma Tail	0 / 0	1 / 30 DAY 151	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ruffled Fur	0 / 0	3 / 30 DAY 172	0 / 0	3 / 30 DAY 296	0 / 0	0 / 30	0 / 0	1 / 30 DAY 98
Sore Anal Area	0 / 0	0 / 30	0 / 0	1 / 30 DAY 282	0 / 0	0 / 30	0 / 0	0 / 30
Sore Body Ventral	0 / 0	1 / 30 DAY 130	0 / 0	1 / 30 DAY 310	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:16  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE                      WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Groin	0 / 0	0 / 30	0 / 0	1 / 30 DAY 338	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Rear Leg	0 / 0	1 / 30 DAY 26	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:18  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Ear	0 / 0	0 / 30	0 / 0	2 / 30 DAY 275	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Rear Leg	0 / 0	2 / 30 DAY 26	0 / 0	1 / 30 DAY 61	0 / 0	0 / 30	0 / 0	0 / 30
Sore Shoulder	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sores Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:19  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 82	0 / 0	0 / 30
Swelling Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Body Ventral	0 / 0	2 / 30 DAY 310	0 / 0	2 / 30 DAY 5	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Groin	0 / 0	0 / 30	0 / 0	4 / 30 DAY 310	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Nose	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:21  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Penis	0 / 0	1 / 30 DAY 324	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Rear Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 54	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Thickened	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Body Dorsal	0 / 0	27 / 30 DAY 137	0 / 0	0 / 30	0 / 0	7 / 30 DAY 47	0 / 0	11 / 30 DAY 40
Tissue Mass Body Ventral	0 / 0	0 / 30	0 / 0	1 / 30 DAY 158	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET



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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:23  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Tissue Mass Head	0 / 0	1 / 30 DAY 219	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Nose	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Penis	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer	0 / 0	7 / 30 DAY 103	0 / 0	2 / 30 DAY 75	0 / 0	20 / 30 DAY 40	0 / 0	22 / 30 DAY 12
Ulcer Body Ventral	0 / 0	3 / 30 DAY 177	0 / 0	1 / 30 DAY 198	0 / 0	1 / 30 DAY 89	0 / 0	1 / 30 DAY 98

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:24  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Front Leg	0 / 0	1 / 30 DAY 191	0 / 0	1 / 30 DAY 89	0 / 0	2 / 30 DAY 98	0 / 0	1 / 30 DAY 61
Ulcer Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Neck	0 / 0	0 / 30	0 / 0	1 / 30 DAY 165	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Front Foot	0 / 0	1 / 30 DAY 172	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Front Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 97	0 / 0	0 / 30	0 / 0	1 / 30 DAY 56
Ulcer Right Rear Leg	0 / 0	0 / 30	0 / 0	2 / 30 DAY 54	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Scrotum	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:26  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE                      WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5		DMBA 2.5/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Shoulder	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Urine Stain	0 / 0	1 / 30 DAY 331	0 / 0	1 / 30 DAY 282	0 / 0	0 / 30	0 / 0	0 / 30
Wound Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Wound Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:26  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
(Skin Paint Only) Clipper Injury	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Crusty	0 / 0	8 / 30 DAY 12	0 / 0	0 / 30	0 / 0	7 / 30 DAY 33
(Skin Paint Only) Cuts	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 338
(Skin Paint Only) Discoloration	0 / 0	27 / 30 DAY 5	0 / 0	4 / 30 DAY 12	0 / 0	5 / 30 DAY 26
(Skin Paint Only) Erosion	0 / 0	3 / 30 DAY 68	0 / 0	0 / 30	0 / 0	2 / 30 DAY 282
(Skin Paint Only) Scaly	0 / 0	30 / 30 DAY 12	0 / 0	16 / 30 DAY 26	0 / 0	15 / 30 DAY 26
Abnormal Posture	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Abscess Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:28  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Abscess Groin	0 / 0	0 / 30	0 / 0	1 / 30 DAY 358	0 / 0	0 / 30
Abscess Nose	0 / 0	0 / 30	0 / 0	1 / 30 DAY 324	0 / 0	0 / 30
Abscess Penis	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 324
Alopecia Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Body Ventral	0 / 0	0 / 30	0 / 0	2 / 30 DAY 61	0 / 0	0 / 30
Alopecia Face	0 / 0	1 / 30 DAY 110	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 145
Alopecia Groin	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:29  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 262
Carcinoma	0 / 0	0 / 30	0 / 0	1 / 30 DAY 282	0 / 0	3 / 30 DAY 247
Circling	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Cyanosis Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Diarrhea	0 / 0	6 / 30 DAY 56	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 303
Discharge Both Eyes	0 / 0	0 / 30	0 / 0	1 / 30 DAY 56	0 / 0	0 / 30
Discharge Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:30  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Discoloration Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Dyspnea	0 / 0	0 / 30	0 / 0	1 / 30 DAY 56	0 / 0	0 / 30
Emaciated	0 / 0	1 / 30 DAY 98	0 / 0	0 / 30	0 / 0	3 / 30 DAY 40
Fractured Appendage Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Fractured Appendage Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 303
Head Tilted	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 282
Hypoactivity	0 / 0	1 / 30 DAY 98	0 / 0	1 / 30 DAY 56	0 / 0	0 / 30
Irritation	0 / 0	30 / 30 DAY 12	0 / 0	17 / 30 DAY 33	0 / 0	20 / 30 DAY 33

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:31  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Limb Paralysis Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Micro-Ophthalmia Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Left Ear	0 / 0	0 / 30	0 / 0	1 / 30 DAY 331	0 / 0	0 / 30
Missing Anatomy Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Tail	0 / 0	0 / 30	0 / 0	1 / 30 DAY 282	0 / 0	2 / 30 DAY 296
Opacity Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET



**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:33  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Opacity Left Eye	0 / 0	1 / 30 DAY 61	0 / 0	0 / 30	0 / 0	0 / 30
Override	0 / 0	0 / 30	0 / 0	1 / 30 DAY 103	0 / 0	2 / 30 DAY 103
Pallor Entire Animal	0 / 0	1 / 30 DAY 98	0 / 0	0 / 30	0 / 0	0 / 30
Papilloma	0 / 0	18 / 30 DAY 58	0 / 0	20 / 30 DAY 103	0 / 0	22 / 30 DAY 103
Papilloma Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ruffled Fur	0 / 0	0 / 30	0 / 0	4 / 30 DAY 282	0 / 0	4 / 30 DAY 254
Sore Anal Area	0 / 0	0 / 30	0 / 0	1 / 30 DAY 289	0 / 0	0 / 30
Sore Body Ventral	0 / 0	0 / 30	0 / 0	1 / 30 DAY 358	0 / 0	2 / 30 DAY 310

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:34  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Both Ears	0 / 0	0 / 30	0 / 0	1 / 30 DAY 282	0 / 0	0 / 30
Sore Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 303
Sore Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Groin	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Ear	0 / 0	0 / 30	0 / 0	1 / 30 DAY 310	0 / 0	1 / 30 DAY 289
Sore Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 289
Sore Left Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 324
Sore Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Neck	0 / 0	0 / 30	0 / 0	1 / 30 DAY 352	0 / 0	0 / 30
Sore Right Ear	0 / 0	0 / 30	0 / 0	3 / 30 DAY 275	0 / 0	2 / 30 DAY 254
Sore Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 275
Sore Right Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 324
Sore Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Shoulder	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 282
Sore Tail	0 / 0	0 / 30	0 / 0	1 / 30 DAY 262	0 / 0	2 / 30 DAY 261
Sores Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 296
Swelling Body Ventral	0 / 0	0 / 30	0 / 0	3 / 30 DAY 56	0 / 0	1 / 30 DAY 295
Swelling Genitalia	0 / 0	0 / 30	0 / 0	2 / 30 DAY 262	0 / 0	1 / 30 DAY 145
Swelling Groin	0 / 0	0 / 30	0 / 0	4 / 30 DAY 310	0 / 0	2 / 30 DAY 338
Swelling Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 310
Swelling Neck	0 / 0	0 / 30	0 / 0	1 / 30 DAY 310	0 / 0	0 / 30
Swelling Nose	0 / 0	0 / 30	0 / 0	1 / 30 DAY 310	0 / 0	1 / 30 DAY 282

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:38  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Penis	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Eye	0 / 0	1 / 30 DAY 110	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 19
Thickened	0 / 0	0 / 30	0 / 0	1 / 30 DAY 198	0 / 0	0 / 30
Tissue Mass Body Dorsal	0 / 0	19 / 30 DAY 40	0 / 0	20 / 30 DAY 89	0 / 0	22 / 30 DAY 89
Tissue Mass Body Ventral	0 / 0	0 / 30	0 / 0	4 / 30 DAY 165	0 / 0	2 / 30 DAY 158
Tissue Mass Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 261

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

Experiment Number: 051117-03  
 Test Type: INIT/PROMOT  
 Route: SKIN APPLICATION  
 Species/Strain: Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:39  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Tissue Mass Head	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Nose	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 289
Tissue Mass Penis	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 268
Tissue Mass Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer	0 / 0	20 / 30 DAY 34	0 / 0	3 / 30 DAY 240	0 / 0	10 / 30 DAY 61
Ulcer Body Ventral	0 / 0	0 / 30	0 / 0	1 / 30 DAY 310	0 / 0	2 / 30 DAY 317

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

**Experiment Number:** 051117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:40  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 324
Ulcer Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	3 / 30 DAY 247
Ulcer Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Front Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 358	0 / 0	4 / 30 DAY 158
Ulcer Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Scrotum	0 / 0	0 / 30	0 / 0	1 / 30 DAY 262	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:42  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :MALE**                      **WEEK: 53**

OBSERVATIONS	DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Shoulder	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 282
Ulcer	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 303
Urine Stain	0 / 0	0 / 30	0 / 0	1 / 30 DAY 324	0 / 0	1 / 30 DAY 282
Wound Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Wound Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 212

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

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET



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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:42  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
(Skin Paint Only) Clipper Injury	0 / 0	1 / 30 DAY 125	0 / 0	2 / 30 DAY 6	0 / 0	1 / 31 DAY 20	0 / 0	0 / 29
(Skin Paint Only) Crusty	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
(Skin Paint Only) Discoloration	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
(Skin Paint Only) Erosion	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
(Skin Paint Only) Scaly	0 / 0	1 / 30 DAY 313	0 / 0	1 / 30 DAY 348	0 / 0	1 / 31 DAY 55	0 / 0	1 / 29 DAY 250
Abscess Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Alopecia Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Alopecia Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:45  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Body Ventral	0 / 0	6 / 30 DAY 55	0 / 0	3 / 30 DAY 27	0 / 0	3 / 31 DAY 27	0 / 0	2 / 29 DAY 69
Alopecia Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Alopecia Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Alopecia Hip	0 / 0	0 / 30	0 / 0	1 / 30 DAY 313	0 / 0	1 / 31 DAY 313	0 / 0	0 / 29
Alopecia Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Alopecia Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Ataxia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Carcinoma	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Diarrhea	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Discharge Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Discharge Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Discharge Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Discharge Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Discharge	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Discoloration Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Emaciated	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 31 DAY 6	0 / 0	1 / 29 DAY 285

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Fractured Appendage Tail	0 / 0	0 / 30	0 / 0	1 / 30 DAY 359	0 / 0	0 / 31	0 / 0	2 / 29 DAY 299
Head Tilted	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	1 / 29 DAY 187
Hyperactive	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 31 DAY 341	0 / 0	0 / 29
Hypoactivity	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Irritation	0 / 0	1 / 30 DAY 112	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	1 / 29 DAY 215
Limb Paralysis Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Micro-Ophthalmia Left Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Missing Anatomy Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:48  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Missing Anatomy Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Missing Anatomy Tail	0 / 0	4 / 30 DAY 201	0 / 0	1 / 30 DAY 285	0 / 0	2 / 31 DAY 359	0 / 0	1 / 29 DAY 299
Opacity Right Eye	0 / 0	1 / 30 DAY 69	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Override	0 / 0	0 / 30	0 / 0	1 / 30 DAY 250	0 / 0	0 / 31	0 / 0	0 / 29
Pallor Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Papilloma	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Prolapse Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Reddened Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Reddened Eye Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Ruffled Fur	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 31 DAY 320	0 / 0	2 / 29 DAY 285
Sore Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Sore Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Sore Hip	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Sore Left Ear	0 / 0	0 / 30	0 / 0	2 / 30 DAY 292	0 / 0	0 / 31	0 / 0	0 / 29
Sore Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Sore Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	1 / 29 DAY 208

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 31 DAY 310	0 / 0	0 / 29
Sore Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Sore Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Sore Tail	0 / 0	1 / 30 DAY 327	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Swelling Body Ventral	0 / 0	2 / 30 DAY 13	0 / 0	1 / 30 DAY 341	0 / 0	2 / 31 DAY 299	0 / 0	1 / 29 DAY 306
Swelling Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Swelling Left Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Swelling Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:52  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Vaginal Area	0 / 0	1 / 30 DAY 359	0 / 0	1 / 30 DAY 355	0 / 0	0 / 31	0 / 0	0 / 29
Tissue Mass Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	1 / 29 DAY 334
Tissue Mass Hip	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Tissue Mass Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Tissue Mass Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	1 / 29 DAY 341
Tissue Mass Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Tissue Mass Vaginal Area	0 / 0	0 / 30	0 / 0	1 / 30 DAY 341	0 / 0	0 / 31	0 / 0	0 / 29
Ulcer	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET



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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:53  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	VEHICLE CONTROL		DMBA0.25/ACETONE		DMBA 2.5/ACETONE		DMBA 25/ACETONE	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Ulcer Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Ulcer Left Rear Leg	0 / 0	1 / 30 DAY 6	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Ulcer Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Ulcer Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29
Urine Stain	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 31	0 / 0	0 / 29

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:53  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
(Skin Paint Only) Clipper Injury	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 327	0 / 0	0 / 30
(Skin Paint Only) Crusty	0 / 0	2 / 30 DAY 20	0 / 0	16 / 30 DAY 6	0 / 0	1 / 30 DAY 20	0 / 0	9 / 30 DAY 13
(Skin Paint Only) Discoloration	0 / 0	1 / 30 DAY 180	0 / 0	24 / 30 DAY 6	0 / 0	1 / 30 DAY 34	0 / 0	29 / 30 DAY 20
(Skin Paint Only) Erosion	0 / 0	0 / 30	0 / 0	5 / 30 DAY 41	0 / 0	0 / 30	0 / 0	3 / 30 DAY 63
(Skin Paint Only) Scaly	0 / 0	4 / 30 DAY 104	0 / 0	30 / 30 DAY 6	0 / 0	10 / 30 DAY 20	0 / 0	30 / 30 DAY 13
Abscess Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Anal Area	0 / 0	0 / 30	0 / 0	1 / 30 DAY 90	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:55  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Body Ventral	0 / 0	6 / 30 DAY 27	0 / 0	4 / 30 DAY 6	0 / 0	2 / 30 DAY 34	0 / 0	0 / 30
Alopecia Entire Animal	0 / 0	1 / 30 DAY 208	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 83
Alopecia Hip	0 / 0	1 / 30 DAY 313	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ataxia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 271	0 / 0	0 / 30
Carcinoma	0 / 0	11 / 30 DAY 250	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:56  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Diarrhea	0 / 0	0 / 30	0 / 0	8 / 30 DAY 55	0 / 0	0 / 30	0 / 0	8 / 30 DAY 69
Discharge Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Body Dorsal	0 / 0	1 / 30 DAY 222	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 90
Discharge Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 69
Discharge	0 / 0	0 / 30	0 / 0	1 / 30 DAY 62	0 / 0	0 / 30	0 / 0	0 / 30
Discoloration Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 271	0 / 0	0 / 30
Emaciated	0 / 0	3 / 30 DAY 285	0 / 0	4 / 30 DAY 6	0 / 0	0 / 30	0 / 0	1 / 30 DAY 90

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:16:57  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Fractured Appendage Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 313	0 / 0	0 / 30
Head Tilted	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Hyperactive	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Hypoactivity	0 / 0	1 / 30 DAY 285	0 / 0	3 / 30 DAY 69	0 / 0	0 / 30	0 / 0	1 / 30 DAY 97
Irritation	0 / 0	14 / 30 DAY 20	0 / 0	30 / 30 DAY 6	0 / 0	2 / 30 DAY 27	0 / 0	30 / 30 DAY 13
Limb Paralysis Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Micro-Ophthalmia Left Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 97

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:16:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Missing Anatomy Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 327	0 / 0	0 / 30
Missing Anatomy Tail	0 / 0	1 / 30 DAY 152	0 / 0	0 / 30	0 / 0	1 / 30 DAY 226	0 / 0	0 / 30
Opacity Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Override	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Pallor Entire Animal	0 / 0	0 / 30	0 / 0	1 / 30 DAY 62	0 / 0	0 / 30	0 / 0	3 / 30 DAY 97
Papilloma	0 / 0	30 / 30 DAY 131	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	4 / 30 DAY 76
Prolapse Anal Area	0 / 0	0 / 30	0 / 0	1 / 30 DAY 104	0 / 0	0 / 30	0 / 0	0 / 30
Reddened Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 264	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:17:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Reddened Eye Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 76
Ruffled Fur	0 / 0	2 / 30 DAY 299	0 / 0	0 / 30	0 / 0	1 / 30 DAY 341	0 / 0	1 / 30 DAY 97
Sore Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 208	0 / 0	0 / 30
Sore Hip	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 257	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:01  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Right Ear	0 / 0	1 / 30 DAY 306	0 / 0	0 / 30	0 / 0	1 / 30 DAY 208	0 / 0	0 / 30
Sore Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Body Ventral	0 / 0	1 / 30 DAY 349	0 / 0	1 / 30 DAY 90	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 83
Swelling Left Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 104
Swelling Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET



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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:02  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Vaginal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Body Dorsal	0 / 0	30 / 30 DAY 118	0 / 0	0 / 30	0 / 0	1 / 30 DAY 313	0 / 0	4 / 30 DAY 62
Tissue Mass Hip	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 327	0 / 0	0 / 30
Tissue Mass Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 166	0 / 0	0 / 30
Tissue Mass Vaginal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer	0 / 0	2 / 30 DAY 306	0 / 0	23 / 30 DAY 6	0 / 0	0 / 30	0 / 0	14 / 30 DAY 55

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:17:03  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**      **WEEK: 53**

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Body Ventral	0 / 0	1 / 30 DAY 285	0 / 0	2 / 30 DAY 41	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Front Leg	0 / 0	1 / 30 DAY 285	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Urine Stain	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:03  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
(Skin Paint Only) Clipper Injury	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Crusty	0 / 0	19 / 30 DAY 13	0 / 0	11 / 30 DAY 13	0 / 0	2 / 30 DAY 34	0 / 0	1 / 30 DAY 110
(Skin Paint Only) Discoloration	0 / 0	25 / 30 DAY 20	0 / 0	29 / 30 DAY 20	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Erosion	0 / 0	5 / 30 DAY 34	0 / 0	2 / 30 DAY 51	0 / 0	0 / 30	0 / 0	2 / 30 DAY 51
(Skin Paint Only) Scaly	0 / 0	30 / 30 DAY 13	0 / 0	30 / 30 DAY 13	0 / 0	14 / 30 DAY 20	0 / 0	10 / 30 DAY 20
Abscess Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 341
Alopecia Anal Area	0 / 0	0 / 30	0 / 0	1 / 30 DAY 48	0 / 0	1 / 30 DAY 48	0 / 0	1 / 30 DAY 20
Alopecia Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 292	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:05  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Alopecia Body Ventral	0 / 0	3 / 30 DAY 27	0 / 0	1 / 30 DAY 20	0 / 0	3 / 30 DAY 6	0 / 0	4 / 30 DAY 34
Alopecia Entire Animal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 313	0 / 0	0 / 30
Alopecia Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Hip	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 348	0 / 0	0 / 30
Alopecia Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 292	0 / 0	0 / 30
Alopecia Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 292	0 / 0	0 / 30
Ataxia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Carcinoma	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	3 / 30 DAY 250	0 / 0	4 / 30 DAY 250

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:06  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Diarrhea	0 / 0	7 / 30 DAY 62	0 / 0	2 / 30 DAY 62	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Anal Area	0 / 0	1 / 30 DAY 97	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 299	0 / 0	1 / 30 DAY 320
Discharge Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discharge	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discoloration Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Emaciated	0 / 0	2 / 30 DAY 69	0 / 0	2 / 30 DAY 69	0 / 0	3 / 30 DAY 313	0 / 0	2 / 30 DAY 118

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:17:07  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**SEX :FEMALE**                      **WEEK: 53**

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Fractured Appendage Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 341
Head Tilted	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Hyperactive	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Hypoactivity	0 / 0	1 / 30 DAY 97	0 / 0	0 / 30	0 / 0	1 / 30 DAY 327	0 / 0	0 / 30
Irritation	0 / 0	30 / 30 DAY 13	0 / 0	30 / 30 DAY 13	0 / 0	14 / 30 DAY 20	0 / 0	12 / 30 DAY 27
Limb Paralysis Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 118
Micro-Ophthalmia Left Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 243
Missing Anatomy Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:08  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Missing Anatomy Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 264
Opacity Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Override	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Pallor Entire Animal	0 / 0	3 / 30 DAY 90	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Papilloma	0 / 0	10 / 30 DAY 62	0 / 0	18 / 30 DAY 58	0 / 0	22 / 30 DAY 112	0 / 0	20 / 30 DAY 145
Prolapse Anal Area	0 / 0	2 / 30 DAY 90	0 / 0	2 / 30 DAY 76	0 / 0	0 / 30	0 / 0	1 / 30 DAY 97
Reddened Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:09  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Reddened Eye Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ruffled Fur	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	3 / 30 DAY 285	0 / 0	3 / 30 DAY 299
Sore Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 51
Sore Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Hip	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 51
Sore Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 285	0 / 0	1 / 30 DAY 299
Sore Left Rear Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 13	0 / 0	0 / 30	0 / 0	1 / 30 DAY 62
Sore Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET



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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:10  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Sore Right Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 292	0 / 0	0 / 30
Sore Right Rear Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 13	0 / 0	1 / 30 DAY 48	0 / 0	1 / 30 DAY 51
Sore Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 292	0 / 0	1 / 30 DAY 334
Swelling Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Left Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 355

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:11  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Swelling Vaginal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Body Dorsal	0 / 0	13 / 30 DAY 41	0 / 0	22 / 30 DAY 41	0 / 0	22 / 30 DAY 97	0 / 0	20 / 30 DAY 131
Tissue Mass Hip	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 166
Tissue Mass Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Vaginal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer	0 / 0	20 / 30 DAY 48	0 / 0	16 / 30 DAY 55	0 / 0	2 / 30 DAY 118	0 / 0	2 / 30 DAY 83

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
 Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
 CAS Number: INIT/PROM

Date Report Requested: 10/21/2014  
 Time Report Requested: 07:17:12  
 First Dose M/F: NA / NA  
 Lab: BAT

SEX :FEMALE WEEK: 53

OBSERVATIONS	DMBA 2.5/ TPA 5		DMBA 25/ TPA 5		DMBA 2.5/ BPO 20		DMBA 25/ BPO 20	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ulcer Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 69
Ulcer Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 180	0 / 0	0 / 30
Ulcer Left Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 106
Ulcer Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 173	0 / 0	0 / 30
Ulcer Right Front Leg	0 / 0	1 / 30 DAY 69	0 / 0	1 / 30 DAY 76	0 / 0	1 / 30 DAY 118	0 / 0	0 / 30
Urine Stain	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 341	0 / 0	0 / 30

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
 + ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
 ROW 2 = DAY OF ONSET

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

**E05: CLINICAL OBSERVATIONS SUMMARY**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:17:12  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**\*\* END OF REPORT \*\***

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)  
+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY  
ROW 2 = DAY OF ONSET