

**Experiment Number:** 05117-02  
**Test Type:** INIT/PROMOT  
**Route:** DERMAL,SOLUTION|SKIN APPLICATION  
**Species/Strain:** Mouse/CD-1 CRL

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 14:58:10  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C61994B
<b>Lock Date:</b>	04/07/1992
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	04/27/1994

Experiment Number: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:10

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	2 / 30 DAY 4	0 / 0	1 / 30 DAY 38	0 / 0	3 / 30 DAY 4	0 / 0	3 / 30 DAY 4
(Skin Paint Only) Crusty	0 / 0	2 / 30 DAY 4	0 / 0	3 / 30 DAY 4	0 / 0	2 / 30 DAY 4	0 / 0	4 / 30 DAY 10
(Skin Paint Only) Discoloration	0 / 0	4 / 30 DAY 24	0 / 0	3 / 30 DAY 31	0 / 0	2 / 30 DAY 31	0 / 0	7 / 30 DAY 52
(Skin Paint Only) Erosion	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Exudate	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 45	0 / 0	0 / 30
(Skin Paint Only) Scaly	0 / 0	2 / 30 DAY 52	0 / 0	2 / 30 DAY 206	0 / 0	2 / 30 DAY 86	0 / 0	2 / 30 DAY 100
Abnormal Posture	0 / 0	2 / 30 DAY 220	0 / 0	2 / 30 DAY 262	0 / 0	1 / 30 DAY 213	0 / 0	2 / 30 DAY 163
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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:13

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 Neck	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	0 / 30	0 / 0	0 / 30
Discoloration Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 163
Discoloration Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 359	0 / 0	0 / 30
Discoloration Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Dyspnea	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Emaciated	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	2 / 30 DAY 163

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:14

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+
Hypoactivity	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Irritation	0 / 0	4 / 30 DAY 24	0 / 0	9 / 30 DAY 31	0 / 0	3 / 30 DAY 31	0 / 0	6 / 30 DAY 17
Micro-Ophthalmia Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Micro-Ophthalmia Both Eyes	0 / 0	0 / 30	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	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	1 / 30 DAY 177	0 / 0	0 / 30
Papilloma	0 / 0	0 / 30	0 / 0	1 / 30 DAY 346	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:16

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+
Ruffled Fur	0 / 0	1 / 30 DAY 192	0 / 0	1 / 30 DAY 255	0 / 0	0 / 30	0 / 0	1 / 30 DAY 114
Sore Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Body Dorsal	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	2 / 30 DAY 192	0 / 0	0 / 30	0 / 0	0 / 30
Sore Both Eyes	0 / 0	1 / 30 DAY 346	0 / 0	1 / 30 DAY 255	0 / 0	0 / 30	0 / 0	0 / 30
Sore Face	0 / 0	0 / 30	0 / 0	2 / 30 DAY 269	0 / 0	1 / 30 DAY 311	0 / 0	0 / 30
Sore Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Ear	0 / 0	1 / 30 DAY 255	0 / 0	1 / 30 DAY 72	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:17

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 Left Eye	0 / 0	1 / 30 DAY 297	0 / 0	1 / 30 DAY 262	0 / 0	1 / 30 DAY 206	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 Mouth	0 / 0	2 / 30 DAY 269	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Neck	0 / 0	1 / 30 DAY 128	0 / 0	1 / 30 DAY 128	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Ear	0 / 0	2 / 30 DAY 331	0 / 0	2 / 30 DAY 199	0 / 0	2 / 30 DAY 72	0 / 0	0 / 30
Sore Right Eye	0 / 0	0 / 30	0 / 0	1 / 30 DAY 241	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

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:18

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 Tail	0 / 0	0 / 30	0 / 0	1 / 30 DAY 359	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Anal Area	0 / 0	1 / 30 DAY 199	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Body Dorsal	0 / 0	0 / 30	0 / 0	1 / 30 DAY 339	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Groin	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 331	0 / 0	0 / 30
Swelling Left Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Left 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:19

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 Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 213	0 / 0	0 / 30
Swelling Right Front Leg	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	0 / 30	0 / 0	1 / 30 DAY 331	0 / 0	0 / 30	0 / 0	1 / 30 DAY 359
Tissue Mass Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer	0 / 0	2 / 30 DAY 31	0 / 0	1 / 30 DAY 38	0 / 0	1 / 30 DAY 17	0 / 0	2 / 30 DAY 17
Ulcer Anal Area	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:21

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 Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Body Ventral	0 / 0	1 / 30 DAY 241	0 / 0	1 / 30 DAY 234	0 / 0	1 / 30 DAY 121	0 / 0	0 / 30
Ulcer Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Face	0 / 0	0 / 30	0 / 0	1 / 30 DAY 248	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Head	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Ear	0 / 0	0 / 30	0 / 0	1 / 30 DAY 213	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Front Foot	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:22

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 Left Front Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 255	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Mouth	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 114	0 / 0	0 / 30
Ulcer Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Ear	0 / 0	0 / 30	0 / 0	1 / 30 DAY 185	0 / 0	0 / 30	0 / 0	1 / 30 DAY 255
Ulcer Right Eye	0 / 0	0 / 30	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	0 / 0	0 / 30
Ulcer Right Front Leg	0 / 0	1 / 30 DAY 248	0 / 0	1 / 30 DAY 290	0 / 0	1 / 30 DAY 185	0 / 0	0 / 30
Ulcer 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

**E05: CLINICAL OBSERVATIONS SUMMARY**

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:24

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	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30	0 / 0	0 / 30
Tail						DAY 206		

\* 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:24

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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	2 / 30 DAY 4	0 / 0	8 / 30 DAY 4	0 / 0	1 / 30 DAY 4	0 / 0	0 / 30
(Skin Paint Only) Crusty	0 / 0	5 / 30 DAY 10	0 / 0	14 / 30 DAY 4	0 / 0	8 / 30 DAY 4	0 / 0	16 / 30 DAY 10
(Skin Paint Only) Discoloration	0 / 0	4 / 30 DAY 45	0 / 0	30 / 30 DAY 24	0 / 0	5 / 30 DAY 24	0 / 0	30 / 30 DAY 24
(Skin Paint Only) Erosion	0 / 0	1 / 30 DAY 318	0 / 0	1 / 30 DAY 10	0 / 0	0 / 30	0 / 0	1 / 30 DAY 45
(Skin Paint Only) Exudate	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Scaly	0 / 0	6 / 30 DAY 45	0 / 0	30 / 30 DAY 17	0 / 0	8 / 30 DAY 52	0 / 0	30 / 30 DAY 17
Abnormal Posture	0 / 0	5 / 30 DAY 234	0 / 0	13 / 30 DAY 158	0 / 0	5 / 30 DAY 220	0 / 0	4 / 30 DAY 158
Alopecia Body Dorsal	0 / 0	0 / 30	0 / 0	8 / 30 DAY 149	0 / 0	0 / 30	0 / 0	4 / 30 DAY 206

\* 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:25

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Carcinoma	0 / 0	1 / 30 DAY 311	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discoloration Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discoloration Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 304
Discoloration Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Dyspnea	0 / 0	0 / 30	0 / 0	2 / 30 DAY 353	0 / 0	0 / 30	0 / 0	0 / 30
Emaciated	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	2 / 30 DAY 165

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:26

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Hypoactivity	0 / 0	1 / 30 DAY 346	0 / 0	4 / 30 DAY 311	0 / 0	0 / 30	0 / 0	2 / 30 DAY 311
Irritation	0 / 0	24 / 30 DAY 45	0 / 0	30 / 30 DAY 17	0 / 0	13 / 30 DAY 17	0 / 0	30 / 30 DAY 17
Micro-Ophthalmia Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 158
Micro-Ophthalmia Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 114
Micro-Ophthalmia Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 72
Opacity Right Eye	0 / 0	1 / 30 DAY 346	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 325
Override	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 198	0 / 0	0 / 30
Papilloma	0 / 0	21 / 30 DAY 142	0 / 0	5 / 30 DAY 93	0 / 0	0 / 30	0 / 0	17 / 30 DAY 93

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:28

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE WEEK: 53

OBSERVATIONS	DMBA2.5/COMPLETE		TPA 5/ COMPLETE		BPO 20/ COMPLETE		DMBA0.25/ TPA 5	
	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+	CURRENT*	TOTAL+
Ruffled Fur	0 / 0	2 / 30 DAY 192	0 / 0	15 / 30 DAY 178	0 / 0	1 / 30 DAY 227	0 / 0	11 / 30 DAY 31
Sore Anal Area	0 / 0	1 / 30 DAY 262	0 / 0	1 / 30 DAY 276	0 / 0	0 / 30	0 / 0	1 / 30 DAY 213
Sore Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Both Ears	0 / 0	1 / 30 DAY 192	0 / 0	2 / 30 DAY 93	0 / 0	1 / 30 DAY 114	0 / 0	1 / 30 DAY 304
Sore Both Eyes	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	1 / 30 DAY 331
Sore Genitalia	0 / 0	0 / 30	0 / 0	1 / 30 DAY 346	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Ear	0 / 0	0 / 30	0 / 0	1 / 30 DAY 241	0 / 0	2 / 30 DAY 192	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:29

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Left Eye	0 / 0	0 / 30	0 / 0	1 / 30 DAY 185	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	1 / 30 DAY 248	0 / 0	0 / 30	0 / 0	0 / 30
Sore Mouth	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	0 / 30	0 / 0	0 / 30
Sore Right Ear	0 / 0	2 / 30 DAY 185	0 / 0	4 / 30 DAY 52	0 / 0	1 / 30 DAY 185	0 / 0	9 / 30 DAY 86
Sore Right Eye	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	2 / 30 DAY 290	0 / 0	3 / 30 DAY 131
Sore Right Rear Foot	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:30

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 213
Swelling Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Body Dorsal	0 / 0	1 / 30 DAY 262	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 269
Swelling Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 346
Swelling Face	0 / 0	1 / 30 DAY 241	0 / 0	0 / 30	0 / 0	1 / 30 DAY 213	0 / 0	1 / 30 DAY 185
Swelling Groin	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Left Rear Foot	0 / 0	0 / 30	0 / 0	1 / 30 DAY 262	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Left 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:31

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 139
Thickened	0 / 0	0 / 30	0 / 0	10 / 30 DAY 114	0 / 0	0 / 30	0 / 0	6 / 30 DAY 72
Tissue Mass Body Dorsal	0 / 0	26 / 30 DAY 134	0 / 0	7 / 30 DAY 79	0 / 0	1 / 30 DAY 359	0 / 0	20 / 30 DAY 79
Tissue Mass Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 72
Ulcer	0 / 0	7 / 30 DAY 52	0 / 0	13 / 30 DAY 17	0 / 0	5 / 30 DAY 185	0 / 0	11 / 30 DAY 17
Ulcer Anal Area	0 / 0	0 / 30	0 / 0	2 / 30 DAY 158	0 / 0	0 / 30	0 / 0	1 / 30 DAY 199

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:33

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 199
Ulcer Body Ventral	0 / 0	1 / 30 DAY 241	0 / 0	8 / 30 DAY 178	0 / 0	2 / 30 DAY 220	0 / 0	4 / 30 DAY 114
Ulcer Both Ears	0 / 0	0 / 30	0 / 0	1 / 30 DAY 227	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 72
Ulcer Genitalia	0 / 0	0 / 30	0 / 0	1 / 30 DAY 353	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Head	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Front Foot	0 / 0	0 / 30	0 / 0	1 / 30 DAY 185	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:34

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Left Front Leg	0 / 0	1 / 30 DAY 93	0 / 0	1 / 30 DAY 192	0 / 0	0 / 30	0 / 0	1 / 30 DAY 142
Ulcer Mouth	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 100	0 / 0	1 / 30 DAY 213	0 / 0	1 / 30 DAY 142
Ulcer Right Ear	0 / 0	1 / 30 DAY 185	0 / 0	1 / 30 DAY 234	0 / 0	0 / 30	0 / 0	1 / 30 DAY 213
Ulcer Right Eye	0 / 0	0 / 30	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	0 / 0	0 / 30
Ulcer Right Front Leg	0 / 0	1 / 30 DAY 227	0 / 0	4 / 30 DAY 172	0 / 0	1 / 30 DAY 248	0 / 0	2 / 30 DAY 139
Ulcer Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 311	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:35

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE

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	0 / 0	0 / 30	0 / 0	2 / 30	0 / 0	0 / 30	0 / 0	2 / 30
Tail				DAY 132				DAY 192

\* 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:35

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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	1 / 30 DAY 4	0 / 0	2 / 30 DAY 4	0 / 0	1 / 30 DAY 4	0 / 0	1 / 30 DAY 128
(Skin Paint Only) Crusty	0 / 0	14 / 30 DAY 10	0 / 0	9 / 30 DAY 4	0 / 0	6 / 30 DAY 4	0 / 0	4 / 30 DAY 5
(Skin Paint Only) Discoloration	0 / 0	30 / 30 DAY 24	0 / 0	30 / 30 DAY 24	0 / 0	8 / 30 DAY 24	0 / 0	6 / 30 DAY 24
(Skin Paint Only) Erosion	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Exudate	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
(Skin Paint Only) Scaly	0 / 0	30 / 30 DAY 17	0 / 0	30 / 30 DAY 17	0 / 0	14 / 30 DAY 17	0 / 0	9 / 30 DAY 31
Abnormal Posture	0 / 0	6 / 30 DAY 248	0 / 0	12 / 30 DAY 158	0 / 0	3 / 30 DAY 220	0 / 0	5 / 30 DAY 156
Alopecia Body Dorsal	0 / 0	3 / 30 DAY 206	0 / 0	3 / 30 DAY 318	0 / 0	0 / 30	0 / 0	1 / 30 DAY 206

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:37

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 121	0 / 0	0 / 30
Carcinoma	0 / 0	1 / 30 DAY 325	0 / 0	1 / 30 DAY 325	0 / 0	0 / 30	0 / 0	0 / 30
Discoloration Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 163	0 / 0	1 / 30 DAY 128
Discoloration Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discoloration Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 142
Dyspnea	0 / 0	1 / 30 DAY 339	0 / 0	1 / 30 DAY 325	0 / 0	0 / 30	0 / 0	0 / 30
Emaciated	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 304
Head Tilted	0 / 0	1 / 30 DAY 325	0 / 0	0 / 30	0 / 0	1 / 30 DAY 227	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:38

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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+
Hypoactivity	0 / 0	1 / 30 DAY 353	0 / 0	2 / 30 DAY 158	0 / 0	0 / 30	0 / 0	0 / 30
Irritation	0 / 0	28 / 30 DAY 17	0 / 0	29 / 30 DAY 17	0 / 0	13 / 30 DAY 17	0 / 0	13 / 30 DAY 17
Micro-Ophthalmia Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Micro-Ophthalmia Both Eyes	0 / 0	0 / 30	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	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
Papilloma	0 / 0	27 / 30 DAY 72	0 / 0	28 / 30 DAY 65	0 / 0	0 / 30	0 / 0	6 / 30 DAY 276

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:39

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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+
Ruffled Fur	0 / 0	9 / 30 DAY 184	0 / 0	9 / 30 DAY 158	0 / 0	2 / 30 DAY 185	0 / 0	2 / 30 DAY 142
Sore Anal Area	0 / 0	2 / 30 DAY 269	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 128	0 / 0	0 / 30
Sore Both Ears	0 / 0	0 / 30	0 / 0	2 / 30 DAY 185	0 / 0	1 / 30 DAY 72	0 / 0	2 / 30 DAY 59
Sore Both Eyes	0 / 0	0 / 30	0 / 0	1 / 30 DAY 213	0 / 0	0 / 30	0 / 0	0 / 30
Sore Face	0 / 0	0 / 30	0 / 0	1 / 30 DAY 318	0 / 0	1 / 30 DAY 248	0 / 0	1 / 30 DAY 331
Sore Genitalia	0 / 0	1 / 30 DAY 353	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Ear	0 / 0	1 / 30 DAY 339	0 / 0	1 / 30 DAY 297	0 / 0	1 / 30 DAY 213	0 / 0	1 / 30 DAY 304

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:40

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Left Eye	0 / 0	0 / 30	0 / 0	1 / 30 DAY 325	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Front Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 346	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 Mouth	0 / 0	0 / 30	0 / 0	1 / 30 DAY 199	0 / 0	1 / 30 DAY 359	0 / 0	1 / 30 DAY 185
Sore Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 128
Sore Right Ear	0 / 0	3 / 30 DAY 107	0 / 0	5 / 30 DAY 114	0 / 0	2 / 30 DAY 227	0 / 0	2 / 30 DAY 52
Sore Right Eye	0 / 0	1 / 30 DAY 248	0 / 0	2 / 30 DAY 185	0 / 0	1 / 30 DAY 241	0 / 0	1 / 30 DAY 353
Sore Right Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 304	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:41

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Anal Area	0 / 0	0 / 30	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	0 / 30	0 / 0	1 / 30 DAY 199
Swelling Body Ventral	0 / 0	2 / 30 DAY 346	0 / 0	3 / 30 DAY 331	0 / 0	1 / 30 DAY 359	0 / 0	1 / 30 DAY 339
Swelling Face	0 / 0	0 / 30	0 / 0	2 / 30 DAY 227	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Groin	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Left Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Left Rear Leg	0 / 0	1 / 30 DAY 255	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:42

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Neck	0 / 0	0 / 30	0 / 0	1 / 30 DAY 213	0 / 0	0 / 30	0 / 0	1 / 30 DAY 185
Swelling Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Thickened	0 / 0	4 / 30 DAY 165	0 / 0	2 / 30 DAY 172	0 / 0	0 / 30	0 / 0	0 / 30
Tissue Mass Body Dorsal	0 / 0	27 / 30 DAY 59	0 / 0	28 / 30 DAY 52	0 / 0	5 / 30 DAY 241	0 / 0	8 / 30 DAY 262
Tissue Mass Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer	0 / 0	18 / 30 DAY 22	0 / 0	16 / 30 DAY 17	0 / 0	5 / 30 DAY 52	0 / 0	2 / 30 DAY 38
Ulcer Anal Area	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:44

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Body Ventral	0 / 0	1 / 30 DAY 318	0 / 0	5 / 30 DAY 121	0 / 0	1 / 30 DAY 248	0 / 0	4 / 30 DAY 100
Ulcer Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Face	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Genitalia	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Head	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 121
Ulcer Left Ear	0 / 0	0 / 30	0 / 0	1 / 30 DAY 262	0 / 0	0 / 30	0 / 0	2 / 30 DAY 276
Ulcer Left Front Foot	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:45

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE 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 Left Front Leg	0 / 0	1 / 30 DAY 346	0 / 0	1 / 30 DAY 269	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Mouth	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 114	0 / 0	1 / 30 DAY 142	0 / 0	1 / 30 DAY 185
Ulcer Right Ear	0 / 0	0 / 30	0 / 0	2 / 30 DAY 165	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Eye	0 / 0	0 / 30	0 / 0	1 / 30 DAY 165	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 128
Ulcer Right Front Leg	0 / 0	2 / 30 DAY 304	0 / 0	0 / 30	0 / 0	1 / 30 DAY 185	0 / 0	0 / 30
Ulcer 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:46

First Dose M/F: NA / NA

Lab: BAT

SEX :MALE

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	0 / 0	0 / 30	0 / 0	1 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Tail				DAY 192				

\*\*\*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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:46

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+
(Skin Paint Only) Clipper Injury	0 / 0	0 / 30	0 / 0	3 / 30 DAY 3	0 / 0	1 / 30 DAY 60	0 / 0	5 / 30 DAY 3
(Skin Paint Only) Crusty	0 / 0	2 / 30 DAY 25	0 / 0	0 / 30	0 / 0	4 / 30 DAY 3	0 / 0	0 / 30
(Skin Paint Only) Discoloration	0 / 0	1 / 30 DAY 25	0 / 0	0 / 30	0 / 0	2 / 30 DAY 25	0 / 0	0 / 30
(Skin Paint Only) Scaly	0 / 0	2 / 30 DAY 242	0 / 0	0 / 30	0 / 0	1 / 30 DAY 39	0 / 0	0 / 30
Abnormal Posture	0 / 0	2 / 30 DAY 270	0 / 0	0 / 30	0 / 0	1 / 30 DAY 157	0 / 0	0 / 30
Alopecia Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 109	0 / 0	0 / 30
Alopecia Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 116	0 / 0	0 / 30
Alopecia Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 102	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:48

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+
Alopecia Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 107	0 / 0	0 / 30
Alopecia Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 81	0 / 0	0 / 30
Alopecia Shoulder	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 81	0 / 0	0 / 30
Carcinoma	0 / 0	0 / 30	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	0 / 30	0 / 0	0 / 30
Discoloration Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Dyspnea	0 / 0	1 / 30 DAY 360	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Fractured Appendage 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:49

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+
Hyperactive	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 157	0 / 0	0 / 30
Irritation	0 / 0	5 / 30 DAY 18	0 / 0	1 / 30 DAY 200	0 / 0	3 / 30 DAY 25	0 / 0	2 / 30 DAY 60
Limb Paralysis Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 116	0 / 0	0 / 30
Limb Paralysis Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Tail	0 / 0	1 / 30 DAY 32	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Opacity Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Papilloma	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: 051117-02

E05: CLINICAL OBSERVATIONS SUMMARY

Date Report Requested: 10/23/2014

Test Type: INIT/PROMOT

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

Time Report Requested: 14:58:50

Route: DERMAL,SOLUTION|SKIN APPLICATION

CAS Number: INIT/PROM

First Dose M/F: NA / NA

Species/Strain: Mouse/CD-1 CRL

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 Body Dorsal	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	1 / 30 DAY 109	0 / 0	0 / 30
Sore Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Body Dorsal	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	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 Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Mouth	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:51

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 Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Ear	0 / 0	2 / 30 DAY 256	0 / 0	0 / 30	0 / 0	1 / 30 DAY 46	0 / 0	0 / 30
Sore Right Eye	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	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 Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Vaginal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:52

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 Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Rear Foot	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	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Thickened	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 74	0 / 0	0 / 30
Tissue Mass Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 360
Tissue Mass Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 95	0 / 0	0 / 30
Ulcer	0 / 0	2 / 30 DAY 128	0 / 0	0 / 30	0 / 0	1 / 30 DAY 18	0 / 0	1 / 30 DAY 186
Ulcer Anal Area	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:53

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 Body Ventral	0 / 0	2 / 30 DAY 277	0 / 0	0 / 30	0 / 0	1 / 30 DAY 109	0 / 0	0 / 30
Ulcer Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 186	0 / 0	0 / 30
Ulcer Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Nose	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Front Leg	0 / 0	2 / 30 DAY 242	0 / 0	0 / 30	0 / 0	1 / 30 DAY 186	0 / 0	0 / 30
Ulcer 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:53

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	2 / 30 DAY 3	0 / 0	8 / 30 DAY 3	0 / 0	2 / 30 DAY 67	0 / 0	4 / 30 DAY 3
(Skin Paint Only) Crusty	0 / 0	1 / 30 DAY 3	0 / 0	6 / 30 DAY 11	0 / 0	1 / 30 DAY 11	0 / 0	8 / 30 DAY 3
(Skin Paint Only) Discoloration	0 / 0	2 / 30 DAY 39	0 / 0	28 / 30 DAY 25	0 / 0	4 / 30 DAY 3	0 / 0	28 / 30 DAY 25
(Skin Paint Only) Scaly	0 / 0	5 / 30 DAY 109	0 / 0	30 / 30 DAY 18	0 / 0	5 / 30 DAY 25	0 / 0	30 / 30 DAY 18
Abnormal Posture	0 / 0	3 / 30 DAY 319	0 / 0	9 / 30 DAY 207	0 / 0	0 / 30	0 / 0	9 / 30 DAY 164
Alopecia Body Dorsal	0 / 0	0 / 30	0 / 0	7 / 30 DAY 172	0 / 0	0 / 30	0 / 0	10 / 30 DAY 164
Alopecia Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 102	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:55

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 Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 102	0 / 0	0 / 30
Alopecia Shoulder	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Carcinoma	0 / 0	1 / 30 DAY 326	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discharge Body Dorsal	0 / 0	1 / 30 DAY 319	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discoloration Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 312
Dyspnea	0 / 0	0 / 30	0 / 0	2 / 30 DAY 333	0 / 0	0 / 30	0 / 0	0 / 30
Fractured Appendage Right Rear Leg	0 / 0	1 / 30 DAY 32	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 221

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:55

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+
Hyperactive	0 / 0	1 / 30 DAY 326	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Hypoactivity	0 / 0	0 / 30	0 / 0	2 / 30 DAY 319	0 / 0	1 / 30 DAY 326	0 / 0	2 / 30 DAY 340
Irritation	0 / 0	23 / 30 DAY 39	0 / 0	26 / 30 DAY 18	0 / 0	6 / 30 DAY 18	0 / 0	27 / 30 DAY 18
Limb Paralysis Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Limb Paralysis Right Rear Leg	0 / 0	1 / 30 DAY 298	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	0 / 30
Opacity Both Eyes	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Papilloma	0 / 0	20 / 30 DAY 137	0 / 0	4 / 30 DAY 263	0 / 0	0 / 30	0 / 0	17 / 30 DAY 88

\* 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: 051117-02

E05: CLINICAL OBSERVATIONS SUMMARY

Date Report Requested: 10/23/2014

Test Type: INIT/PROMOT

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

Time Report Requested: 14:58:56

Route: DERMAL,SOLUTION|SKIN APPLICATION

CAS Number: INIT/PROM

First Dose M/F: NA / NA

Species/Strain: Mouse/CD-1 CRL

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 Body Dorsal	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ruffled Fur	0 / 0	1 / 30 DAY 186	0 / 0	12 / 30 DAY 178	0 / 0	0 / 30	0 / 0	14 / 30 DAY 186
Sore Anal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 360	0 / 0	0 / 30
Sore Body Dorsal	0 / 0	0 / 30	0 / 0	1 / 30 DAY 157	0 / 0	0 / 30	0 / 0	0 / 30
Sore Both Ears	0 / 0	0 / 30	0 / 0	1 / 30 DAY 123	0 / 0	0 / 30	0 / 0	2 / 30 DAY 186
Sore Face	0 / 0	0 / 30	0 / 0	1 / 30 DAY 200	0 / 0	0 / 30	0 / 0	0 / 30
Sore Left Ear	0 / 0	0 / 30	0 / 0	1 / 30 DAY 157	0 / 0	0 / 30	0 / 0	3 / 30 DAY 123
Sore Mouth	0 / 0	0 / 30	0 / 0	1 / 30 DAY 312	0 / 0	0 / 30	0 / 0	1 / 30 DAY 360

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:57

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+
Sore Neck	0 / 0	1 / 30 DAY 128	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Ear	0 / 0	0 / 30	0 / 0	1 / 30 DAY 88	0 / 0	0 / 30	0 / 0	4 / 30 DAY 172
Sore Right Eye	0 / 0	0 / 30	0 / 0	1 / 30 DAY 326	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 326	0 / 0	0 / 30
Sore Right Rear Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 312
Sore Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 305
Sore Vaginal Area	0 / 0	1 / 30 DAY 340	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Body Ventral	0 / 0	1 / 30 DAY 347	0 / 0	2 / 30 DAY 347	0 / 0	0 / 30	0 / 0	1 / 30 DAY 360

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:58

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+
Swelling Right Front Foot	0 / 0	0 / 30	0 / 0	1 / 30 DAY 263	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Rear Foot	0 / 0	0 / 30	0 / 0	1 / 30 DAY 249	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Rear Leg	0 / 0	0 / 30	0 / 0	1 / 30 DAY 242	0 / 0	0 / 30	0 / 0	1 / 30 DAY 193
Thickened	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 171
Tissue Mass Body Dorsal	0 / 0	25 / 30 DAY 123	0 / 0	8 / 30 DAY 249	0 / 0	0 / 30	0 / 0	21 / 30 DAY 74
Tissue Mass Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 123
Ulcer	0 / 0	4 / 30 DAY 263	0 / 0	10 / 30 DAY 102	0 / 0	0 / 30	0 / 0	6 / 30 DAY 18
Ulcer Anal Area	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:59

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 Body Ventral	0 / 0	0 / 30	0 / 0	2 / 30 DAY 235	0 / 0	0 / 30	0 / 0	3 / 30 DAY 242
Ulcer Both Ears	0 / 0	0 / 30	0 / 0	1 / 30 DAY 179	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 146
Ulcer Left Front 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	1 / 30 DAY 214
Ulcer Nose	0 / 0	0 / 30	0 / 0	1 / 30 DAY 164	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 347	0 / 0	0 / 30
Ulcer Tail	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 298

\* 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:58:59

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	2 / 30 DAY 3	0 / 0	6 / 30 DAY 3	0 / 0	4 / 30 DAY 3	0 / 0	1 / 30 DAY 3
(Skin Paint Only) Crusty	0 / 0	2 / 30 DAY 11	0 / 0	6 / 30 DAY 3	0 / 0	0 / 30	0 / 0	1 / 30 DAY 3
(Skin Paint Only) Discoloration	0 / 0	29 / 30 DAY 25	0 / 0	28 / 30 DAY 3	0 / 0	7 / 30 DAY 25	0 / 0	4 / 30 DAY 25
(Skin Paint Only) Scaly	0 / 0	30 / 30 DAY 18	0 / 0	30 / 30 DAY 18	0 / 0	8 / 30 DAY 32	0 / 0	4 / 30 DAY 46
Abnormal Posture	0 / 0	4 / 30 DAY 200	0 / 0	7 / 30 DAY 277	0 / 0	1 / 30 DAY 256	0 / 0	0 / 30
Alopecia Body Dorsal	0 / 0	3 / 30 DAY 186	0 / 0	3 / 30 DAY 277	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Left Front 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:59:00

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 Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Right Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Alopecia Shoulder	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	0 / 30	0 / 0	0 / 30
Discharge Body Dorsal	0 / 0	1 / 30 DAY 319	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Discoloration Body Dorsal	0 / 0	0 / 30	0 / 0	2 / 30 DAY 312	0 / 0	0 / 30	0 / 0	0 / 30
Dyspnea	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Fractured Appendage 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:59:01

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+
Hyperactive	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	0 / 30	0 / 0	0 / 30
Irritation	0 / 0	26 / 30 DAY 18	0 / 0	28 / 30 DAY 18	0 / 0	8 / 30 DAY 18	0 / 0	6 / 30 DAY 18
Limb Paralysis Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Limb Paralysis Right Rear Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Missing Anatomy Tail	0 / 0	1 / 30 DAY 3	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Opacity Both Eyes	0 / 0	0 / 30	0 / 0	1 / 30 DAY 312	0 / 0	0 / 30	0 / 0	0 / 30
Papilloma	0 / 0	26 / 30 DAY 74	0 / 0	29 / 30 DAY 67	0 / 0	1 / 30 DAY 354	0 / 0	5 / 30 DAY 200

\* 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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:59:02

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 Body Dorsal	0 / 0	1 / 30 DAY 193	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ruffled Fur	0 / 0	10 / 30 DAY 186	0 / 0	5 / 30 DAY 186	0 / 0	0 / 30	0 / 0	0 / 30
Sore Anal Area	0 / 0	1 / 30 DAY 186	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Body Dorsal	0 / 0	1 / 30 DAY 177	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 249	0 / 0	0 / 30
Sore Face	0 / 0	2 / 30 DAY 305	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	1 / 30 DAY 256	0 / 0	0 / 30
Sore Mouth	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: 051117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:59:03

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+
Sore Neck	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Sore Right Ear	0 / 0	2 / 30 DAY 193	0 / 0	2 / 30 DAY 193	0 / 0	3 / 30 DAY 200	0 / 0	1 / 30 DAY 186
Sore Right Eye	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	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 Tail	0 / 0	1 / 30 DAY 291	0 / 0	1 / 30 DAY 326	0 / 0	0 / 30	0 / 0	0 / 30
Sore Vaginal Area	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Body Ventral	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	1 / 30 DAY 360

\* 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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:59:04

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 Right Front Foot	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Swelling Right Rear Foot	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	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	26 / 30 DAY 60	0 / 0	30 / 30 DAY 53	0 / 0	3 / 30 DAY 340	0 / 0	6 / 30 DAY 186
Tissue Mass Left Front Leg	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer	0 / 0	9 / 30 DAY 18	0 / 0	9 / 30 DAY 169	0 / 0	1 / 30 DAY 360	0 / 0	0 / 30
Ulcer Anal Area	0 / 0	1 / 30 DAY 207	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: 05117-02

Test Type: INIT/PROMOT

Route: DERMAL,SOLUTION|SKIN APPLICATION

Species/Strain: Mouse/CD-1 CRL

E05: CLINICAL OBSERVATIONS SUMMARY

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

CAS Number: INIT/PROM

Date Report Requested: 10/23/2014

Time Report Requested: 14:59:05

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+
Ulcer Body Ventral	0 / 0	1 / 30 DAY 270	0 / 0	1 / 30 DAY 360	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Both Ears	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Ear	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30	0 / 0	0 / 30
Ulcer Left Front 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 Nose	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 235	0 / 0	0 / 30	0 / 0	1 / 30 DAY 207	0 / 0	0 / 30
Ulcer 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:** 05117-02  
**Test Type:** INIT/PROMOT  
**Route:** DERMAL,SOLUTION|SKIN APPLICATION  
**Species/Strain:** Mouse/CD-1 CRL

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 14:59:05  
**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