

Experiment Number: 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 06/15/2012
Time Report Requested: 12:41:18
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

F1_M3

NTP Study Number: C20006B
Lock Date: 03/08/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.6.0.0_007
PWG Approval Date: NONE

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HISTORICAL CONTROL STUDIES

From May 2011 report

SAME ROUTE

- 99031-04 -- Ginkgo biloba extract (GAVAGE CORN OIL)
- 88105-04 -- Isoeugenol (GAVAGE CORN OIL)
- 20007-06 -- Kava kava extract (GAVAGE CORN OIL)
- 99023-04 -- beta-Myrcene (GAVAGE CORN OIL)
- 20107-04 -- N,N-Dimethyl-p-toluidine (GAVAGE CORN OIL)
- 99020-06 -- Pulegone (GAVAGE CORN OIL)
- 88148-07 -- 3,3',4,4'-Tetrachloroazobenzene (GAVAGE CORN OIL)

ALL ROUTES

- 99024-08 -- Androstenedione (GAVAGE METHYLCELLULOSE)
- 99037-06 -- alpha/beta Thujone mixture (GAVAGE METHYLCELLULOSE)
- 99028-06 -- bis(2-Chloroethoxy)methane (SKIN ETHANOL)
- 20011-06 -- 1-Bromopropane (INHALATION AIR)
- 99027-04 -- Chromium picolinate monohydrate (ORAL FEED)
- 05174-06 -- Cresols (ORAL FEED)
- 97003-08 -- 1,2-Dibromo-2,4-dicyanobutane (SKIN ETHANOL)
- 99017-06 -- Diethylamine (INHALATION AIR)
- 99031-04 -- Ginkgo biloba extract (GAVAGE CORN OIL)
- 20005-06 -- Ginseng (GAVAGE WATER)
- 99007-06 -- Goldenseal root powder (ORAL FEED)
- 88105-04 -- Isoeugenol (GAVAGE CORN OIL)
- 20007-06 -- Kava kava extract (GAVAGE CORN OIL)
- 95003-06 -- Methyl trans-styryl ketone (SKIN ETHANOL)
- 20008-04 -- Milk thistle extract (ORAL FEED)
- 99023-04 -- beta-Myrcene (GAVAGE CORN OIL)
- 20107-04 -- N,N-Dimethyl-p-toluidine (GAVAGE CORN OIL)
- 20009-04 -- beta-Picoline (ORAL WATER)
- 99020-06 -- Pulegone (GAVAGE CORN OIL)
- 99032-04 -- Pyrogallol (SKIN ETHANOL)

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From May 2011 report

20114-06 -- Sodium dichromate dihydrate (VI) (ORAL WATER)

88148-07 -- 3,3',4,4'-Tetrachloroazobenzene (GAVAGE CORN OIL)

93025-06 -- Tetralin (INHALATION AIR)

88133-08 -- Trimethylolpropane triacrylate (SKIN ACETONE)

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**FOR ALL DOSES THE TUMOR RATES IN THE FOLLOWING TISSUES/ORGANS ARE BASED ON NUMBER OF TISSUES EXAMINED.
IN OTHER TISSUES/ORGANS RATES ARE BASED ON THE NUMBER OF ANIMALS NECROPSIED.**

Adrenal Cortex

Liver

Lung

Ovary

Pituitary Gland

Testes

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF INDOLE-3-CARBINOL

MALE MICE

Organ

Intestine Small: Duodenum
Intestine Small: Site Unspecified

Liver

All Organs

Morphology

Carcinoma
Adenoma
Carcinoma
Carcinoma or Adenoma
Hepatoblastoma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hepatocellular Carcinoma or Hepatoblastoma
Hepatocellular Carcinoma or Hepatocellular Adenoma
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma
Benign Tumors
Malignant Tumors
Malignant and Benign Tumors

FEMALE MICE

Organ

Adrenal Cortex
Harderian Gland

Liver

Uterus

All Organs

Morphology

Adenoma
Adenoma
Carcinoma or Adenoma
Hepatocellular Adenoma
Polyp Stromal
Malignant Tumors

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	2/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	4.6%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	2/32 (6%)	0/32 (0%)
FIRST INCIDENCE	---	---	730 (T)	---
HC TUMORS SAME ROUTE	13/350 (4%)			
HC TUMORS ALL ROUTES	74/1145 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.621	(e)	P=0.258	(e)
POLY 1.5	P=0.611	(e)	P=0.249	(e)
POLY 6	P=0.632	(e)	P=0.267	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.287	(e)	P=0.096	(e)
HISTCONT SAME RTE	P=1.000	(e)	P=1.000	(e)
HISTCONT ALL RTEs	(h)	(e)	(h)	(e)
CURR VS HC SAME RTE	P=0.212			
CURR VS HC ALL RTEs	P=0.091			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	7/50 (14%)	7/50 (14%)	3/50 (6%)
POLY-3 RATE (b)	6/41.41	7/45.43	7/44.98	3/44.61
POLY-3 PERCENT (g)	14.5%	15.4%	15.6%	6.7%
TERMINAL (d)	2/26 (8%)	5/31 (16%)	4/32 (13%)	1/32 (3%)
FIRST INCIDENCE	463	616	437	437
HC TUMORS SAME ROUTE	49/350 (14%)			
HC TUMORS ALL ROUTES	149/1150 (13%)			
STATISTICAL TESTS				
POLY 3	P=0.144N	P=0.571	P=0.564	P=0.205N
POLY 1.5	P=0.156N	P=0.544	P=0.536	P=0.220N
POLY 6	P=0.133N	P=0.597	P=0.590	P=0.191N
COCH-ARM / FISHERS	P=0.174N	P=0.500	P=0.500	P=0.243N
MAX-ISO-POLY-3	P=0.216N	P=0.453	P=0.446	P=0.129N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.836			
CURR VS HC ALL RTES	P=0.997			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	7/50 (14%)	8/50 (16%)	7/50 (14%)	4/50 (8%)
POLY-3 RATE (b)	7/41.99	8/45.51	7/44.98	4/44.61
POLY-3 PERCENT (g)	16.7%	17.6%	15.6%	9%
TERMINAL (d)	2/26 (8%)	5/31 (16%)	4/32 (13%)	2/32 (6%)
FIRST INCIDENCE	463	616	437	437
HC TUMORS SAME ROUTE	57/350 (16%)			
HC TUMORS ALL ROUTES	184/1150 (16%)			
STATISTICAL TESTS				
POLY 3	P=0.152N	P=0.568	P=0.560N	P=0.226N
POLY 1.5	P=0.162N	P=0.542	P=0.583N	P=0.239N
POLY 6	P=0.143N	P=0.591	P=0.539N	P=0.212N
COCH-ARM / FISHERS	P=0.178N	P=0.500	P=0.613N	P=0.262N
MAX-ISO-POLY-3	P=0.244N	P=0.456	P=0.444N	P=0.147N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.800			
CURR VS HC ALL RTES	P=0.850			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Duodenum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/39.76	0/44.97	0/43.59	1/43.47
POLY-3 PERCENT (g)	5%	0%	0%	2.3%
TERMINAL (d)	2/26 (8%)	0/31 (0%)	0/32 (0%)	1/32 (3%)
FIRST INCIDENCE	730 (T)	---	---	730 (T)
HC TUMORS SAME ROUTE	1/350 (0%)			
HC TUMORS ALL ROUTES	3/1150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.480N	P=0.211N	P=0.217N	P=0.469N
POLY 1.5	P=0.473N	P=0.221N	P=0.226N	P=0.481N
POLY 6	P=0.489N	P=0.201N	P=0.209N	P=0.455N
COCH-ARM / FISHERS	P=0.461N	P=0.247N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.127N	P=0.075N	P=0.075N	P=0.263N
HISTCONT SAME RTE	P=0.055	P=1.000	P=1.000	P=0.222
HISTCONT ALL RTEs	P=0.026*	P=1.000	P=1.000	P=0.103
CURR VS HC SAME RTE	P=0.004**			
CURR VS HC ALL RTEs	P<0.001**			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Duodenum Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	2/43.47
POLY-3 PERCENT (g)	0%	0%	0%	4.6%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	2/32 (6%)
FIRST INCIDENCE	---	---	---	730 (T)
HC TUMORS SAME ROUTE	0/350 (0%)			
HC TUMORS ALL ROUTES	1/1150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.046*	(e)	(e)	P=0.257
POLY 1.5	P=0.046*	(e)	(e)	P=0.249
POLY 6	P=0.047*	(e)	(e)	P=0.266
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.049*	(e)	(e)	P=0.095
HISTCONT SAME RTE	P=0.005**	(e)	(e)	P=0.006**
HISTCONT ALL RTEs	P<0.001**	(e)	(e)	P<0.001**
CURR VS HC SAME RTE	P=1.000			
CURR VS HC ALL RTEs	P=0.635			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	3/39.77	0/44.97	1/43.59	1/43.47
POLY-3 PERCENT (g)	7.5%	0%	2.3%	2.3%
TERMINAL (d)	2/26 (8%)	0/31 (0%)	1/32 (3%)	1/32 (3%)
FIRST INCIDENCE	728	---	730 (T)	730 (T)
HC TUMORS SAME ROUTE	2/350 (1%)			
HC TUMORS ALL ROUTES	5/1150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.308N	P=0.098N	P=0.273N	P=0.274N
POLY 1.5	P=0.303N	P=0.106N	P=0.287N	P=0.286N
POLY 6	P=0.313N	P=0.091N	P=0.259N	P=0.260N
COCH-ARM / FISHERS	P=0.296N	P=0.121N	P=0.309N	P=0.309N
MAX-ISO-POLY-3	P=0.096N	P=0.037N*	P=0.143N	P=0.143N
HISTCONT SAME RTE	P=0.277	P=1.000	P=0.403	P=0.402
HISTCONT ALL RTES	P=0.072	P=1.000	P=0.248	P=0.247
CURR VS HC SAME RTE	P<0.001**			
CURR VS HC ALL RTES	P<0.001**			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Site Unspecified Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	2/43.47
POLY-3 PERCENT (g)	0%	0%	0%	4.6%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	2/32 (6%)
FIRST INCIDENCE	---	---	---	730 (T)
HC TUMORS SAME ROUTE	4/350 (1%)			
HC TUMORS ALL ROUTES	23/1150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.046*	(e)	(e)	P=0.257
POLY 1.5	P=0.046*	(e)	(e)	P=0.249
POLY 6	P=0.047*	(e)	(e)	P=0.266
COCH-ARM / FISHERS	P=0.046*	(e)	(e)	P=0.247
MAX-ISO-POLY-3	P=0.049*	(e)	(e)	P=0.095
HISTCONT SAME RTE	P=0.085	(e)	(e)	P=0.111
HISTCONT ALL RTES	P=0.326	(e)	(e)	P=0.281
CURR VS HC SAME RTE	P=0.538			
CURR VS HC ALL RTES	P=0.470			

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DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	0/50 (0%)	1/50 (2%)	3/50 (6%)
POLY-3 RATE (b)	3/39.77	0/44.97	1/43.59	3/43.47
POLY-3 PERCENT (g)	7.5%	0%	2.3%	6.9%
TERMINAL (d)	2/26 (8%)	0/31 (0%)	1/32 (3%)	3/32 (9%)
FIRST INCIDENCE	728	---	730 (T)	730 (T)
HC TUMORS SAME ROUTE	6/350 (2%)			
HC TUMORS ALL ROUTES	28/1150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.415	P=0.098N	P=0.273N	P=0.621N
POLY 1.5	P=0.418	P=0.106N	P=0.287N	P=0.638N
POLY 6	P=0.413	P=0.091N	P=0.259N	P=0.603N
COCH-ARM / FISHERS	P=0.423	P=0.121N	P=0.309N	P=0.661N
MAX-ISO-POLY-3	P=0.263N	P=0.037N*	P=0.143N	P=0.456N
HISTCONT SAME RTE	P=0.093	P=1.000	P=1.000	P=0.073
HISTCONT ALL RTES	P=0.156	P=1.000	P=1.000	P=0.090
CURR VS HC SAME RTE	P=0.049*			
CURR VS HC ALL RTES	P=0.092			

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 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	4/50 (8%)	1/49 (2%)	3/50 (6%)
POLY-3 RATE (b)	4/40.14	4/45.62	1/43.38	3/44.36
POLY-3 PERCENT (g)	10%	8.8%	2.3%	6.8%
TERMINAL (d)	2/26 (8%)	1/31 (3%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	626	630	596	495
HC TUMORS SAME ROUTE	27/350 (8%)			
HC TUMORS ALL ROUTES	57/1149 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.321N	P=0.571N	P=0.155N	P=0.445N
POLY 1.5	P=0.330N	P=0.600N	P=0.168N	P=0.467N
POLY 6	P=0.312N	P=0.543N	P=0.143N	P=0.422N
COCH-ARM / FISHERS	P=0.345N	P=0.643N	P=0.187N	P=0.500N
MAX-ISO-POLY-3	P=0.291N	P=0.428N	P=0.078N	P=0.307N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.672	P=0.286	P=1.000	P=0.497
CURR VS HC SAME RTE	P=0.816			
CURR VS HC ALL RTES	P=0.274			

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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	4/50 (8%)	4/49 (8%)	14/50 (28%)
POLY-3 RATE (b)	3/39.76	4/44.97	4/43.04	14/44.24
POLY-3 PERCENT (g)	7.6%	8.9%	9.3%	31.6%
TERMINAL (d)	3/26 (12%)	4/31 (13%)	3/32 (9%)	10/32 (31%)
FIRST INCIDENCE	730 (T)	730 (T)	702	617
HC TUMORS SAME ROUTE	14/350 (4%)			
HC TUMORS ALL ROUTES	61/1149 (5%)			
STATISTICAL TESTS				
POLY 3	P<0.001**	P=0.567	P=0.543	P=0.005**
POLY 1.5	P<0.001**	P=0.541	P=0.519	P=0.004**
POLY 6	P<0.001**	P=0.592	P=0.569	P=0.007**
COCH-ARM / FISHERS	P<0.001**	P=0.500	P=0.489	P=0.003**
MAX-ISO-POLY-3	P<0.001**	P=0.415	P=0.391	P=0.003**
HISTCONT SAME RTE	P<0.001**	P=0.123	P=0.107	P<0.001**
HISTCONT ALL RTES	P<0.001**	P=0.370	P=0.351	P<0.001**
CURR VS HC SAME RTE	P=0.435			
CURR VS HC ALL RTES	P=0.709			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	26/50 (52%)	32/50 (64%)	31/49 (63%)	41/50 (82%)
POLY-3 RATE (b)	26/41.88	32/48.11	31/45.67	41/48.03
POLY-3 PERCENT (g)	62.1%	66.5%	67.9%	85.4%
TERMINAL (d)	19/26 (73%)	21/31 (68%)	23/32 (72%)	28/32 (88%)
FIRST INCIDENCE	463	381	437	385
HC TUMORS SAME ROUTE	181/350 (52%)			
HC TUMORS ALL ROUTES	658/1149 (57%)			
STATISTICAL TESTS				
POLY 3	P=0.005**	P=0.411	P=0.360	P=0.006**
POLY 1.5	P=0.003**	P=0.293	P=0.263	P=0.003**
POLY 6	P=0.008**	P=0.550	P=0.483	P=0.016*
COCH-ARM / FISHERS	P<0.001**	P=0.156	P=0.176	P<0.001**
MAX-ISO-POLY-3	P=0.007**	P=0.335	P=0.286	P=0.004**
HISTCONT SAME RTE	P<0.001**	P=0.078	P=0.061	P=0.002**
HISTCONT ALL RTES	P=0.021*	P=0.352	P=0.308	P=0.011*
CURR VS HC SAME RTE	P=0.520			
CURR VS HC ALL RTES	P=0.996			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	12/50 (24%)	11/50 (22%)	29/49 (59%)	14/50 (28%)
POLY-3 RATE (b)	12/43.36	11/45.38	29/45.76	14/45.33
POLY-3 PERCENT (g)	27.7%	24.2%	63.4%	30.9%
TERMINAL (d)	3/26 (12%)	8/31 (26%)	18/32 (56%)	8/32 (25%)
FIRST INCIDENCE	465	682	567	385
HC TUMORS SAME ROUTE	116/350 (33%)			
HC TUMORS ALL ROUTES	399/1149 (35%)			
STATISTICAL TESTS				
POLY 3	P=0.217	P=0.449N	P<0.001**	P=0.461
POLY 1.5	P=0.203	P=0.465N	P<0.001**	P=0.444
POLY 6	P=0.230	P=0.445N	P<0.001**	P=0.473
COCH-ARM / FISHERS	P=0.192	P=0.500N	P<0.001**	P=0.410
MAX-ISO-POLY-3	P=0.025*	P=0.358N	P<0.001**	P=0.371
HISTCONT SAME RTE	P=0.334	P=1.000	P=0.009**	P=1.000
HISTCONT ALL RTES	P=0.366	P=1.000	P=0.003**	P=1.000
CURR VS HC SAME RTE	P=0.343			
CURR VS HC ALL RTES	P=0.227			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	15/50 (30%)	13/50 (26%)	30/49 (61%)	25/50 (50%)
POLY-3 RATE (b)	15/43.36	13/45.38	30/45.76	25/45.90
POLY-3 PERCENT (g)	34.6%	28.7%	65.6%	54.5%
TERMINAL (d)	6/26 (23%)	10/31 (32%)	19/32 (59%)	17/32 (53%)
FIRST INCIDENCE	465	682	567	385
HC TUMORS SAME ROUTE	125/350 (36%)			
HC TUMORS ALL ROUTES	433/1149 (38%)			
STATISTICAL TESTS				
POLY 3	P=0.005**	P=0.353N	P=0.002**	P=0.042*
POLY 1.5	P=0.004**	P=0.372N	P<0.001**	P=0.038*
POLY 6	P=0.006**	P=0.347N	P=0.003**	P=0.048*
COCH-ARM / FISHERS	P=0.005**	P=0.412N	P=0.002**	P=0.033*
MAX-ISO-POLY-3	P=0.005**	P=0.277N	P<0.001**	P=0.029*
HISTCONT SAME RTE	P=0.040*	P=1.000	P=0.007**	P=0.047*
HISTCONT ALL RTES	P=0.037*	P=1.000	P=0.005**	P=0.067
CURR VS HC SAME RTE	P=0.653			
CURR VS HC ALL RTES	P=0.483			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	35/50 (70%)	36/50 (72%)	43/49 (88%)	44/50 (88%)
POLY-3 RATE (b)	35/45.09	36/48.26	43/47.46	44/48.31
POLY-3 PERCENT (g)	77.6%	74.6%	90.6%	91.1%
TERMINAL (d)	21/26 (81%)	24/31 (77%)	29/32 (91%)	30/32 (94%)
FIRST INCIDENCE	463	381	437	385
HC TUMORS SAME ROUTE	239/350 (68%)			
HC TUMORS ALL ROUTES	844/1149 (74%)			
STATISTICAL TESTS				
POLY 3	P=0.012*	P=0.459N	P=0.062	P=0.049*
POLY 1.5	P=0.008**	P=0.539N	P=0.035*	P=0.034*
POLY 6	P=0.017*	P=0.390N	P=0.120	P=0.074
COCH-ARM / FISHERS	P=0.007**	P=0.500	P=0.027*	P=0.024*
MAX-ISO-POLY-3	P=0.017*	P=0.364N	P=0.036*	P=0.028*
HISTCONT SAME RTE	P=0.009**	P=0.411	P=0.017*	P=0.015*
HISTCONT ALL RTES	P=0.040*	P=1.000	P=0.058	P=0.050*
CURR VS HC SAME RTE	P=0.448			
CURR VS HC ALL RTES	P=0.877			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	36/50 (72%)	36/50 (72%)	44/49 (90%)	45/50 (90%)
POLY-3 RATE (b)	36/45.09	36/48.26	44/47.46	45/48.48
POLY-3 PERCENT (g)	79.8%	74.6%	92.7%	92.8%
TERMINAL (d)	22/26 (85%)	24/31 (77%)	30/32 (94%)	30/32 (94%)
FIRST INCIDENCE	463	381	437	385
HC TUMORS SAME ROUTE	242/350 (69%)			
HC TUMORS ALL ROUTES	852/1149 (74%)			
STATISTICAL TESTS				
POLY 3	P=0.007**	P=0.354N	P=0.050*	P=0.044*
POLY 1.5	P=0.005**	P=0.441N	P=0.027*	P=0.029*
POLY 6	P=0.013*	P=0.282N	P=0.105	P=0.077
COCH-ARM / FISHERS	P=0.005**	P=0.588N	P=0.022*	P=0.020*
MAX-ISO-POLY-3	P=0.011*	P=0.270N	P=0.027*	P=0.024*
HISTCONT SAME RTE	P=0.006**	P=0.450	P=0.010**	P=0.009**
HISTCONT ALL RTES	P=0.030*	P=1.000	P=0.042*	P=0.039*
CURR VS HC SAME RTE	P=0.326			
CURR VS HC ALL RTES	P=0.688			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	3/50 (6%)	1/49 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	3/45.81	1/42.93	0/43.47
POLY-3 PERCENT (g)	0%	6.6%	2.3%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	---	630	730 (T)	---
HC TUMORS SAME ROUTE	7/350 (2%)			
HC TUMORS ALL ROUTES	13/1149 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.319N	P=0.146	P=0.515	(e)
POLY 1.5	P=0.338N	P=0.135	P=0.507	(e)
POLY 6	P=0.300N	P=0.159	P=0.524	(e)
COCH-ARM / FISHERS	P=0.367N	P=0.121	P=0.495	(e)
MAX-ISO-POLY-3	P=0.255N	P=0.062	P=0.178	(e)
HISTCONT SAME RTE	P=0.676	P=0.136	P=1.000	(e)
HISTCONT ALL RTES	P=0.439	P=0.012*	P=1.000	(e)
CURR VS HC SAME RTE	P=0.441			
CURR VS HC ALL RTES	P=0.645			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	7/50 (14%)	8/50 (16%)	8/50 (16%)
POLY-3 RATE (b)	4/39.76	7/45.44	8/45.01	8/44.78
POLY-3 PERCENT (g)	10.1%	15.4%	17.8%	17.9%
TERMINAL (d)	4/26 (15%)	5/31 (16%)	4/32 (13%)	5/32 (16%)
FIRST INCIDENCE	730 (T)	631	437	495
HC TUMORS SAME ROUTE	53/350 (15%)			
HC TUMORS ALL ROUTES	172/1150 (15%)			
STATISTICAL TESTS				
POLY 3	P=0.230	P=0.342	P=0.241	P=0.238
POLY 1.5	P=0.206	P=0.309	P=0.212	P=0.212
POLY 6	P=0.259	P=0.377	P=0.275	P=0.270
COCH-ARM / FISHERS	P=0.172	P=0.262	P=0.178	P=0.178
MAX-ISO-POLY-3	P=0.289	P=0.247	P=0.170	P=0.167
HISTCONT SAME RTE	P=0.662	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.712	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.279			
CURR VS HC ALL RTES	P=0.288			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	4/50 (8%)	7/50 (14%)	5/50 (10%)	5/50 (10%)
POLY-3 RATE (b)	4/39.95	7/45.35	5/44.00	5/43.95
POLY-3 PERCENT (g)	10%	15.4%	11.4%	11.4%
TERMINAL (d)	3/26 (12%)	4/31 (13%)	3/32 (9%)	4/32 (13%)
FIRST INCIDENCE	680	682	655	586
HC TUMORS SAME ROUTE	28/350 (8%)			
HC TUMORS ALL ROUTES	144/1150 (13%)			
STATISTICAL TESTS				
POLY 3	P=0.523N	P=0.337	P=0.561	P=0.560
POLY 1.5	P=0.544N	P=0.307	P=0.534	P=0.536
POLY 6	P=0.500N	P=0.369	P=0.588	P=0.586
COCH-ARM / FISHERS	P=0.547	P=0.262	P=0.500	P=0.500
MAX-ISO-POLY-3	P=0.567	P=0.243	P=0.423	P=0.422
HISTCONT SAME RTE	P=0.499	P=0.177	P=0.422	P=0.422
HISTCONT ALL RTES	P=1.000	P=0.477	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.860			
CURR VS HC ALL RTES	P=0.505			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	8/50 (16%)	12/50 (24%)	13/50 (26%)	11/50 (22%)
POLY-3 RATE (b)	8/39.95	12/45.82	13/45.43	11/44.78
POLY-3 PERCENT (g)	20%	26.2%	28.6%	24.6%
TERMINAL (d)	7/26 (27%)	7/31 (23%)	7/32 (22%)	8/32 (25%)
FIRST INCIDENCE	680	631	437	495
HC TUMORS SAME ROUTE	77/350 (22%)			
HC TUMORS ALL ROUTES	301/1150 (26%)			
STATISTICAL TESTS				
POLY 3	P=0.420	P=0.338	P=0.252	P=0.405
POLY 1.5	P=0.381	P=0.291	P=0.209	P=0.363
POLY 6	P=0.463	P=0.392	P=0.303	P=0.454
COCH-ARM / FISHERS	P=0.322	P=0.227	P=0.163	P=0.306
MAX-ISO-POLY-3	P=0.416	P=0.264	P=0.193	P=0.318
HISTCONT SAME RTE	P=0.639	P=0.469	P=0.317	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.557			
CURR VS HC ALL RTES	P=0.243			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
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**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	0/43.59	0/43.47
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/346 (0%)			
HC TUMORS ALL ROUTES	3/1131 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skeletal Muscle Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	0/44.97	2/44.09	0/43.47
POLY-3 PERCENT (g)	0%	0%	4.5%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	---	---	598	---
HC TUMORS SAME ROUTE	1/350 (0%)			
HC TUMORS ALL ROUTES	5/1150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.620	(e)	P=0.261	(e)
POLY 1.5	P=0.610	(e)	P=0.250	(e)
POLY 6	P=0.632	(e)	P=0.272	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.289	(e)	P=0.098	(e)
HISTCONT SAME RTE	P=0.215	(e)	P=0.016*	(e)
HISTCONT ALL RTES	P=0.194	(e)	P=0.003**	(e)
CURR VS HC SAME RTE	P=0.625			
CURR VS HC ALL RTES	P=0.668			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/40.50	1/45.83	0/43.59	0/43.47
POLY-3 PERCENT (g)	2.5%	2.2%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	469	381	---	---
HC TUMORS SAME ROUTE	2/350 (1%)			
HC TUMORS ALL ROUTES	14/1150 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/40.50	1/45.83	0/43.59	0/43.47
POLY-3 PERCENT (g)	2.5%	2.2%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	469	381	---	---
HC TUMORS SAME ROUTE	1/350 (0%)			
HC TUMORS ALL ROUTES	3/1150 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/40.50	1/45.83	0/43.59	0/43.47
POLY-3 PERCENT (g)	2.5%	2.2%	0%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	469	381	---	---
HC TUMORS SAME ROUTE	2/350 (1%)			
HC TUMORS ALL ROUTES	13/1150 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/39.76	2/45.44	1/43.59	0/43.47
POLY-3 PERCENT (g)	0%	4.4%	2.3%	0%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	---	630	730 (T)	---
HC TUMORS SAME ROUTE	4/350 (1%)			
HC TUMORS ALL ROUTES	19/1150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.422N	P=0.268	P=0.518	(e)
POLY 1.5	P=0.437N	P=0.256	P=0.510	(e)
POLY 6	P=0.406N	P=0.281	P=0.526	(e)
COCH-ARM / FISHERS	P=0.461N	P=0.247	P=0.500	(e)
MAX-ISO-POLY-3	P=0.358N	P=0.105	P=0.181	(e)
HISTCONT SAME RTE	P=0.482	P=0.069	P=1.000	(e)
HISTCONT ALL RTES	P=0.676	P=0.125	P=1.000	(e)
CURR VS HC SAME RTE	P=0.522			
CURR VS HC ALL RTES	P=0.500			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Stomach, Forestomach Squamous Cell Carcinoma or Papilloma Squamous				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	2/40.24	2/44.97	1/43.59	0/43.47
POLY-3 PERCENT (g)	5%	4.5%	2.3%	0%
TERMINAL (d)	1/26 (4%)	2/31 (7%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	589	730 (T)	730 (T)	---
HC TUMORS SAME ROUTE	12/350 (3%)			
HC TUMORS ALL ROUTES	27/1150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.117N	P=0.653N	P=0.472N	P=0.220N
POLY 1.5	P=0.121N	P=0.669N	P=0.484N	P=0.227N
POLY 6	P=0.114N	P=0.640N	P=0.461N	P=0.213N
COCH-ARM / FISHERS	P=0.125N	P=0.691N	P=0.500N	P=0.247N
MAX-ISO-POLY-3	P=0.159N	P=0.456N	P=0.265N	P=0.075N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.421	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.793			
CURR VS HC ALL RTES	P=0.414			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Stomach, Forestomach Squamous Cell Papilloma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	2/50 (4%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	1/39.76	2/44.97	1/43.59	0/43.47
POLY-3 PERCENT (g)	2.5%	4.5%	2.3%	0%
TERMINAL (d)	1/26 (4%)	2/31 (7%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	730 (T)	730 (T)	730 (T)	---
HC TUMORS SAME ROUTE	10/350 (3%)			
HC TUMORS ALL ROUTES	22/1150 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.227N	P=0.543	P=0.740N	P=0.482N
POLY 1.5	P=0.235N	P=0.526	P=0.749N	P=0.489N
POLY 6	P=0.218N	P=0.559	P=0.731N	P=0.474N
COCH-ARM / FISHERS	P=0.247N	P=0.500	P=0.753N	P=0.500N
MAX-ISO-POLY-3	P=0.254N	P=0.327	P=0.474N	P=0.158N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	P=0.774	P=0.347	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.842			
CURR VS HC ALL RTES	P=0.891			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Testes				
Adenoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	2/50 (4%)
POLY-3 RATE (b)	0/39.76	1/45.04	0/43.59	2/43.52
POLY-3 PERCENT (g)	0%	2.2%	0%	4.6%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	1/32 (3%)
FIRST INCIDENCE	---	714	---	716
HC TUMORS SAME ROUTE	4/350 (1%)			
HC TUMORS ALL ROUTES	11/1150 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.152	P=0.525	(e)	P=0.258
POLY 1.5	P=0.147	P=0.515	(e)	P=0.249
POLY 6	P=0.157	P=0.534	(e)	P=0.267
COCH-ARM / FISHERS	P=0.140	P=0.500	(e)	P=0.247
MAX-ISO-POLY-3	P=0.103	P=0.188	(e)	P=0.095
HISTCONT SAME RTE	P=0.101	P=1.000	(e)	P=0.113
HISTCONT ALL RTES	P=0.058	P=1.000	(e)	P=0.039*
CURR VS HC SAME RTE	P=0.539			
CURR VS HC ALL RTES	P=0.696			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	0/39.76	1/44.97	0/43.59	1/43.47
POLY-3 PERCENT (g)	0%	2.2%	0%	2.3%
TERMINAL (d)	0/26 (0%)	1/31 (3%)	0/32 (0%)	1/32 (3%)
FIRST INCIDENCE	---	730 (T)	---	730 (T)
HC TUMORS SAME ROUTE	2/350 (1%)			
HC TUMORS ALL ROUTES	12/1150 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	5/50 (10%)	5/50 (10%)	3/50 (6%)
POLY-3 RATE (b)	4/40.14	5/45.73	5/44.88	3/44.36
POLY-3 PERCENT (g)	10%	10.9%	11.1%	6.8%
TERMINAL (d)	2/26 (8%)	1/31 (3%)	1/32 (3%)	0/32 (0%)
FIRST INCIDENCE	626	630	596	495
HC TUMORS SAME ROUTE	39/350 (11%)			
HC TUMORS ALL ROUTES	110/1150 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.337N	P=0.581	P=0.570	P=0.445N
POLY 1.5	P=0.354N	P=0.550	P=0.539	P=0.467N
POLY 6	P=0.320N	P=0.613	P=0.602	P=0.422N
COCH-ARM / FISHERS	P=0.382N	P=0.500	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.457N	P=0.444	P=0.433	P=0.307N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.659			
CURR VS HC ALL RTES	P=0.881			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	4/50 (8%)	6/50 (12%)	5/50 (10%)	4/50 (8%)
POLY-3 RATE (b)	4/40.14	6/45.73	5/44.88	4/44.36
POLY-3 PERCENT (g)	10%	13.1%	11.1%	9%
TERMINAL (d)	2/26 (8%)	2/31 (7%)	1/32 (3%)	1/32 (3%)
FIRST INCIDENCE	626	630	596	495
HC TUMORS SAME ROUTE	41/350 (12%)			
HC TUMORS ALL ROUTES	120/1150 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.430N	P=0.454	P=0.570	P=0.588N
POLY 1.5	P=0.451N	P=0.420	P=0.539	P=0.610N
POLY 6	P=0.410N	P=0.488	P=0.602	P=0.563N
COCH-ARM / FISHERS	P=0.484N	P=0.370	P=0.500	P=0.643N
MAX-ISO-POLY-3	P=0.566N	P=0.335	P=0.433	P=0.442N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	P=1.000	P=0.468	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.591			
CURR VS HC ALL RTES	P=0.748			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	2/50 (4%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/40.78	1/45.04	0/43.59	1/43.61
POLY-3 PERCENT (g)	4.9%	2.2%	0%	2.3%
TERMINAL (d)	0/26 (0%)	0/31 (0%)	0/32 (0%)	0/32 (0%)
FIRST INCIDENCE	525	714	---	694
HC TUMORS SAME ROUTE	0/350 (0%)			
HC TUMORS ALL ROUTES	5/1150 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.368N	P=0.465N	P=0.222N	P=0.477N
POLY 1.5	P=0.368N	P=0.478N	P=0.229N	P=0.486N
POLY 6	P=0.369N	P=0.454N	P=0.217N	P=0.467N
COCH-ARM / FISHERS	P=0.366N	P=0.500N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.220N	P=0.262N	P=0.075N	P=0.267N
HISTCONT SAME RTE	P=0.032*	P=0.066	(e)	P=0.067
HISTCONT ALL RTES	P=0.098	P=0.216	P=1.000	P=0.209
CURR VS HC SAME RTE	P<0.001**			
CURR VS HC ALL RTES	P<0.001**			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	1/50 (2%)	1/50 (2%)	5/50 (10%)
POLY-3 RATE (b)	3/39.87	1/45.19	1/43.59	5/44.16
POLY-3 PERCENT (g)	7.5%	2.2%	2.3%	11.3%
TERMINAL (d)	1/26 (4%)	0/31 (0%)	1/32 (3%)	3/32 (9%)
FIRST INCIDENCE	711	673	730 (T)	631
HC TUMORS SAME ROUTE	10/350 (3%)			
HC TUMORS ALL ROUTES	48/1150 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.164	P=0.262N	P=0.273N	P=0.413
POLY 1.5	P=0.163	P=0.278N	P=0.287N	P=0.390
POLY 6	P=0.166	P=0.246N	P=0.261N	P=0.441
COCH-ARM / FISHERS	P=0.162	P=0.309N	P=0.309N	P=0.357
MAX-ISO-POLY-3	P=0.134	P=0.139N	P=0.143N	P=0.288
HISTCONT SAME RTE	P=0.035*	P=1.000	P=1.000	P=0.016*
HISTCONT ALL RTES	P=0.071	P=1.000	P=1.000	P=0.021*
CURR VS HC SAME RTE	P=0.205			
CURR VS HC ALL RTES	P=0.445			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	33/50 (66%)	40/50 (80%)	39/50 (78%)	42/50 (84%)
POLY-3 RATE (b)	33/42.76	40/48.93	39/47.12	42/48.81
POLY-3 PERCENT (g)	77.2%	81.8%	82.8%	86.1%
TERMINAL (d)	23/26 (89%)	26/31 (84%)	28/32 (88%)	28/32 (88%)
FIRST INCIDENCE	463	381	437	385
HC TUMORS SAME ROUTE	234/350 (67%)			
HC TUMORS ALL ROUTES	805/1150 (70%)			
STATISTICAL TESTS				
POLY 3	P=0.166	P=0.381	P=0.331	P=0.182
POLY 1.5	P=0.097	P=0.224	P=0.214	P=0.091
POLY 6	P=0.271	P=0.599	P=0.506	P=0.356
COCH-ARM / FISHERS	P=0.039*	P=0.088	P=0.133	P=0.032*
MAX-ISO-POLY-3	P=0.221	P=0.292	P=0.244	P=0.129
HISTCONT SAME RTE	P=0.010**	P=0.053	P=0.044*	P=0.016*
HISTCONT ALL RTES	P=0.061	P=0.193	P=0.169	P=0.077
CURR VS HC SAME RTE	P=0.469			
CURR VS HC ALL RTES	P=0.683			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	27/50 (54%)	26/50 (52%)	36/50 (72%)	35/50 (70%)
POLY-3 RATE (b)	27/46.37	26/47.72	36/47.72	35/47.42
POLY-3 PERCENT (g)	58.2%	54.5%	75.4%	73.8%
TERMINAL (d)	10/26 (39%)	13/31 (42%)	21/32 (66%)	23/32 (72%)
FIRST INCIDENCE	465	381	567	385
HC TUMORS SAME ROUTE	193/350 (55%)			
HC TUMORS ALL ROUTES	679/1150 (59%)			
STATISTICAL TESTS				
POLY 3	P=0.022*	P=0.437N	P=0.055	P=0.078
POLY 1.5	P=0.022*	P=0.453N	P=0.046*	P=0.077
POLY 6	P=0.022*	P=0.436N	P=0.069	P=0.078
COCH-ARM / FISHERS	P=0.024*	P=0.500N	P=0.048*	P=0.074
MAX-ISO-POLY-3	P=0.033*	P=0.357N	P=0.036*	P=0.052
HISTCONT SAME RTE	P=0.049*	P=1.000	P=0.050*	P=0.066
HISTCONT ALL RTES	P=0.078	P=1.000	P=0.058	P=0.084
CURR VS HC SAME RTE	P=0.922			
CURR VS HC ALL RTES	P=0.706			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Males			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	48/50 (96%)	45/50 (90%)	48/50 (96%)	48/50 (96%)
POLY-3 RATE (b)	48/48.75	45/49.48	48/49.01	48/49.60
POLY-3 PERCENT (g)	98.5%	90.9%	98%	96.8%
TERMINAL (d)	26/26 (100%)	28/31 (90%)	31/32 (97%)	31/32 (97%)
FIRST INCIDENCE	463	381	437	385
HC TUMORS SAME ROUTE	301/350 (86%)			
HC TUMORS ALL ROUTES	1030/1150 (90%)			
STATISTICAL TESTS				
POLY 3	P=0.509	P=0.098N	P=0.735N	P=0.552N
POLY 1.5	P=0.469	P=0.127N	P=0.761	P=0.598N
POLY 6	P=0.540	P=0.081N	P=0.654N	P=0.527N
COCH-ARM / FISHERS	P=0.397	P=0.218N	P=0.691N	P=0.691N
MAX-ISO-POLY-3	P=0.312N	P=0.039N*	P=0.416N	P=0.270N
HISTCONT SAME RTE	P=0.037*	P=0.339	P=0.050*	P=0.068
HISTCONT ALL RTES	P=0.122	P=1.000	P=0.112	P=0.160
CURR VS HC SAME RTE	P=0.030*			
CURR VS HC ALL RTES	P=0.064			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Adrenal Cortex				
Adenoma				
TUMOR RATES				
OVERALL (a)	2/49 (4%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	2/45.02	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	4.4%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	568	---	---	---
HC TUMORS SAME ROUTE	2/346 (1%)			
HC TUMORS ALL ROUTES	5/1193 (0%)			
STATISTICAL TESTS				
POLY 3	P=0.117N	P=0.230N	P=0.261N	P=0.225N
POLY 1.5	P=0.114N	P=0.233N	P=0.249N	P=0.229N
POLY 6	P=0.120N	P=0.226N	P=0.277N	P=0.218N
COCH-ARM / FISHERS	P=0.113N	P=0.242N	P=0.242N	P=0.242N
MAX-ISO-POLY-3	P=0.031N*	P=0.075N	P=0.099N	P=0.075N
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTEs	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.021*			
CURR VS HC ALL RTEs	P<0.001**			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Harderian Gland Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	7/50 (14%)	7/50 (14%)	0/50 (0%)
POLY-3 RATE (b)	3/45.37	7/46.82	7/42.15	0/47.56
POLY-3 PERCENT (g)	6.6%	15%	16.6%	0%
TERMINAL (d)	3/33 (9%)	5/40 (13%)	5/26 (19%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	681	381	---
HC TUMORS SAME ROUTE	39/348 (11%)			
HC TUMORS ALL ROUTES	116/1198 (10%)			
STATISTICAL TESTS				
POLY 3	P=0.072N	P=0.170	P=0.128	P=0.111N
POLY 1.5	P=0.080N	P=0.162	P=0.141	P=0.115N
POLY 6	P=0.060N	P=0.185	P=0.110	P=0.103N
COCH-ARM / FISHERS	P=0.092N	P=0.159	P=0.159	P=0.121N
MAX-ISO-POLY-3	P=0.026N*	P=0.102	P=0.077	P=0.038N*
HISTCONT SAME RTE	P=1.000	P=0.424	P=0.352	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.239	P=0.173	P=1.000
CURR VS HC SAME RTE	P=0.313			
CURR VS HC ALL RTES	P=0.381			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Harderian Gland Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	3/50 (6%)	8/50 (16%)	8/50 (16%)	1/50 (2%)
POLY-3 RATE (b)	3/45.37	8/46.82	8/42.15	1/48.00
POLY-3 PERCENT (g)	6.6%	17.1%	19%	2.1%
TERMINAL (d)	3/33 (9%)	6/40 (15%)	6/26 (23%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	681	381	603
HC TUMORS SAME ROUTE	42/348 (12%)			
HC TUMORS ALL ROUTES	142/1198 (12%)			
STATISTICAL TESTS				
POLY 3	P=0.134N	P=0.108	P=0.076	P=0.286N
POLY 1.5	P=0.149N	P=0.102	P=0.086	P=0.295N
POLY 6	P=0.110N	P=0.119	P=0.062	P=0.269N
COCH-ARM / FISHERS	P=0.169N	P=0.100	P=0.100	P=0.309N
MAX-ISO-POLY-3	P=0.048N*	P=0.062	P=0.044*	P=0.147N
HISTCONT SAME RTE	P=1.000	P=0.358	P=0.286	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.254	P=0.171	P=1.000
CURR VS HC SAME RTE	P=0.250			
CURR VS HC ALL RTES	P=0.205			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Duodenum Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/348 (0%)			
HC TUMORS ALL ROUTES	1/1198 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Duodenum Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/348 (0%)			
HC TUMORS ALL ROUTES	2/1198 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Site Unspecified Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	2/348 (1%)			
HC TUMORS ALL ROUTES	2/1198 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Site Unspecified Carcinoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/348 (0%)			
HC TUMORS ALL ROUTES	6/1198 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Intestine Small: Site Unspecified Carcinoma or Adenoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	3/348 (1%)			
HC TUMORS ALL ROUTES	8/1198 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hemangiosarcoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	1/40.96	0/47.56
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	647	---
HC TUMORS SAME ROUTE	1/347 (0%)			
HC TUMORS ALL ROUTES	13/1195 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)
POLY-3 RATE (b)	0/45.37	0/46.47	1/40.66	1/47.56
POLY-3 PERCENT (g)	0%	0%	2.5%	2.1%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	1/26 (4%)	1/45 (2%)
FIRST INCIDENCE	---	---	729 (T)	729 (T)
HC TUMORS SAME ROUTE	1/347 (0%)			
HC TUMORS ALL ROUTES	4/1195 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	7/50 (14%)	14/50 (28%)	8/50 (16%)	11/50 (22%)
POLY-3 RATE (b)	7/45.97	14/46.63	8/41.04	11/48.00
POLY-3 PERCENT (g)	15.2%	30%	19.5%	22.9%
TERMINAL (d)	5/33 (15%)	13/40 (33%)	7/26 (27%)	10/45 (22%)
FIRST INCIDENCE	568	687	621	603
HC TUMORS SAME ROUTE	75/347 (22%)			
HC TUMORS ALL ROUTES	380/1195 (32%)			
STATISTICAL TESTS				
POLY 3	P=0.390	P=0.071	P=0.405	P=0.247
POLY 1.5	P=0.373	P=0.068	P=0.445	P=0.232
POLY 6	P=0.429	P=0.078	P=0.353	P=0.277
COCH-ARM / FISHERS	P=0.360	P=0.070	P=0.500	P=0.218
MAX-ISO-POLY-3	P=0.231	P=0.044*	P=0.309	P=0.177
HISTCONT SAME RTE	P=0.769	P=0.292	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.237			
CURR VS HC ALL RTES	P=0.008**			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Carcinoma				
TUMOR RATES				
OVERALL (a)	6/50 (12%)	8/50 (16%)	9/50 (18%)	4/50 (8%)
POLY-3 RATE (b)	6/45.45	8/46.76	9/41.82	4/47.56
POLY-3 PERCENT (g)	13.2%	17.1%	21.5%	8.4%
TERMINAL (d)	5/33 (15%)	7/40 (18%)	5/26 (19%)	4/45 (9%)
FIRST INCIDENCE	709	650	606	729 (T)
HC TUMORS SAME ROUTE	29/347 (8%)			
HC TUMORS ALL ROUTES	144/1195 (12%)			
STATISTICAL TESTS				
POLY 3	P=0.246N	P=0.409	P=0.228	P=0.341N
POLY 1.5	P=0.261N	P=0.394	P=0.252	P=0.356N
POLY 6	P=0.218N	P=0.432	P=0.200	P=0.316N
COCH-ARM / FISHERS	P=0.276N	P=0.387	P=0.288	P=0.370N
MAX-ISO-POLY-3	P=0.191N	P=0.304	P=0.161	P=0.234N
HISTCONT SAME RTE	P=0.331	P=0.095	P=0.037*	P=1.000
HISTCONT ALL RTES	P=0.687	P=0.363	P=0.212	P=1.000
CURR VS HC SAME RTE	P=0.442			
CURR VS HC ALL RTES	P=0.989			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Carcinoma or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	6/50 (12%)	8/50 (16%)	10/50 (20%)	4/50 (8%)
POLY-3 RATE (b)	6/45.45	8/46.76	10/41.82	4/47.56
POLY-3 PERCENT (g)	13.2%	17.1%	23.9%	8.4%
TERMINAL (d)	5/33 (15%)	7/40 (18%)	6/26 (23%)	4/45 (9%)
FIRST INCIDENCE	709	650	606	729 (T)
HC TUMORS SAME ROUTE	30/347 (9%)			
HC TUMORS ALL ROUTES	148/1195 (12%)			
STATISTICAL TESTS				
POLY 3	P=0.257N	P=0.409	P=0.154	P=0.341N
POLY 1.5	P=0.273N	P=0.394	P=0.174	P=0.356N
POLY 6	P=0.228N	P=0.432	P=0.131	P=0.316N
COCH-ARM / FISHERS	P=0.291N	P=0.387	P=0.207	P=0.370N
MAX-ISO-POLY-3	P=0.164N	P=0.304	P=0.105	P=0.234N
HISTCONT SAME RTE	P=0.347	P=0.127	P=0.030*	P=1.000
HISTCONT ALL RTES	P=0.674	P=0.384	P=0.161	P=1.000
CURR VS HC SAME RTE	P=0.493			
CURR VS HC ALL RTES	P=0.934			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Carcinoma or Hepatocellular Adenoma				
TUMOR RATES				
OVERALL (a)	12/50 (24%)	19/50 (38%)	16/50 (32%)	14/50 (28%)
POLY-3 RATE (b)	12/45.97	19/46.93	16/42.20	14/48.00
POLY-3 PERCENT (g)	26.1%	40.5%	37.9%	29.2%
TERMINAL (d)	10/33 (30%)	17/40 (43%)	11/26 (42%)	13/45 (29%)
FIRST INCIDENCE	568	650	606	603
HC TUMORS SAME ROUTE	91/347 (26%)			
HC TUMORS ALL ROUTES	444/1195 (37%)			
STATISTICAL TESTS				
POLY 3	P=0.503N	P=0.103	P=0.165	P=0.460
POLY 1.5	P=0.528N	P=0.096	P=0.198	P=0.434
POLY 6	P=0.449N	P=0.118	P=0.130	P=0.507
COCH-ARM / FISHERS	P=0.531	P=0.097	P=0.252	P=0.410
MAX-ISO-POLY-3	P=0.259	P=0.070	P=0.124	P=0.371
HISTCONT SAME RTE	P=0.496	P=0.159	P=0.245	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.727			
CURR VS HC ALL RTES	P=0.059			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma				
TUMOR RATES				
OVERALL (a)	12/50 (24%)	19/50 (38%)	17/50 (34%)	14/50 (28%)
POLY-3 RATE (b)	12/45.97	19/46.93	17/42.20	14/48.00
POLY-3 PERCENT (g)	26.1%	40.5%	40.3%	29.2%
TERMINAL (d)	10/33 (30%)	17/40 (43%)	12/26 (46%)	13/45 (29%)
FIRST INCIDENCE	568	650	606	603
HC TUMORS SAME ROUTE	91/347 (26%)			
HC TUMORS ALL ROUTES	444/1195 (37%)			
STATISTICAL TESTS				
POLY 3	P=0.511N	P=0.103	P=0.113	P=0.460
POLY 1.5	P=0.537N	P=0.096	P=0.142	P=0.434
POLY 6	P=0.455N	P=0.118	P=0.085	P=0.507
COCH-ARM / FISHERS	P=0.521	P=0.097	P=0.189	P=0.410
MAX-ISO-POLY-3	P=0.231	P=0.070	P=0.083	P=0.371
HISTCONT SAME RTE	P=0.468	P=0.159	P=0.187	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.727			
CURR VS HC ALL RTES	P=0.059			

Experiment Number: 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 06/15/2012
Time Report Requested: 12:41:18
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Liver				
Hepatocholangiocarcinoma				
TUMOR RATES				
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	0/347 (0%)			
HC TUMORS ALL ROUTES	0/1195 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Lung				
Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	1/50 (2%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/45.71	1/46.47	3/40.99	2/47.56
POLY-3 PERCENT (g)	2.2%	2.2%	7.3%	4.2%
TERMINAL (d)	0/33 (0%)	1/40 (3%)	2/26 (8%)	2/45 (4%)
FIRST INCIDENCE	634	729 (T)	639	729 (T)
HC TUMORS SAME ROUTE	16/346 (5%)			
HC TUMORS ALL ROUTES	60/1196 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.343	P=0.757N	P=0.267	P=0.514
POLY 1.5	P=0.335	P=0.760N	P=0.283	P=0.507
POLY 6	P=0.360	P=0.752N	P=0.247	P=0.527
COCH-ARM / FISHERS	P=0.324	P=0.753N	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.313	P=0.495N	P=0.141	P=0.296
HISTCONT SAME RTE	P=0.642	P=1.000	P=0.390	P=1.000
HISTCONT ALL RTES	P=0.760	P=1.000	P=0.438	P=1.000
CURR VS HC SAME RTE	P=0.377			
CURR VS HC ALL RTES	P=0.327			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Lung				
Alveolar/Bronchiolar Carcinoma				
TUMOR RATES				
OVERALL (a)	2/50 (4%)	3/50 (6%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	2/45.37	3/46.47	3/41.83	0/47.56
POLY-3 PERCENT (g)	4.4%	6.5%	7.2%	0%
TERMINAL (d)	2/33 (6%)	3/40 (8%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	729 (T)	526	---
HC TUMORS SAME ROUTE	7/346 (2%)			
HC TUMORS ALL ROUTES	44/1196 (4%)			
STATISTICAL TESTS				
POLY 3	P=0.151N	P=0.511	P=0.463	P=0.227N
POLY 1.5	P=0.158N	P=0.503	P=0.478	P=0.232N
POLY 6	P=0.139N	P=0.523	P=0.444	P=0.218N
COCH-ARM / FISHERS	P=0.165N	P=0.500	P=0.500	P=0.247N
MAX-ISO-POLY-3	P=0.130N	P=0.335	P=0.298	P=0.076N
HISTCONT SAME RTE	P=0.395	P=0.067	P=0.057	P=1.000
HISTCONT ALL RTES	P=0.742	P=0.309	P=0.254	P=1.000
CURR VS HC SAME RTE	P=0.392			
CURR VS HC ALL RTES	P=0.914			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Lung				
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma				
TUMOR RATES				
OVERALL (a)	3/50 (6%)	4/50 (8%)	6/50 (12%)	2/50 (4%)
POLY-3 RATE (b)	3/45.71	4/46.47	6/42.15	2/47.56
POLY-3 PERCENT (g)	6.6%	8.6%	14.2%	4.2%
TERMINAL (d)	2/33 (6%)	4/40 (10%)	2/26 (8%)	2/45 (4%)
FIRST INCIDENCE	634	729 (T)	526	729 (T)
HC TUMORS SAME ROUTE	23/346 (7%)			
HC TUMORS ALL ROUTES	100/1196 (8%)			
STATISTICAL TESTS				
POLY 3	P=0.385N	P=0.509	P=0.203	P=0.482N
POLY 1.5	P=0.398N	P=0.502	P=0.219	P=0.491N
POLY 6	P=0.362N	P=0.521	P=0.183	P=0.465N
COCH-ARM / FISHERS	P=0.410N	P=0.500	P=0.243	P=0.500N
MAX-ISO-POLY-3	P=0.274N	P=0.356	P=0.128	P=0.311N
HISTCONT SAME RTE	P=0.581	P=1.000	P=0.052	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=0.157	P=1.000
CURR VS HC SAME RTE	P=0.837			
CURR VS HC ALL RTES	P=0.534			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Ovary				
Cystadenoma				
TUMOR RATES				
OVERALL (a)	1/50 (2%)	4/50 (8%)	1/50 (2%)	4/50 (8%)
POLY-3 RATE (b)	1/45.50	4/46.47	1/40.99	4/47.56
POLY-3 PERCENT (g)	2.2%	8.6%	2.4%	8.4%
TERMINAL (d)	0/33 (0%)	4/40 (10%)	0/26 (0%)	4/45 (9%)
FIRST INCIDENCE	695	729 (T)	638	729 (T)
HC TUMORS SAME ROUTE	16/345 (5%)			
HC TUMORS ALL ROUTES	55/1179 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.232	P=0.185	P=0.737	P=0.193
POLY 1.5	P=0.226	P=0.181	P=0.747	P=0.186
POLY 6	P=0.245	P=0.193	P=0.723	P=0.205
COCH-ARM / FISHERS	P=0.221	P=0.181	P=0.753N	P=0.181
MAX-ISO-POLY-3	P=0.153	P=0.090	P=0.471	P=0.097
HISTCONT SAME RTE	P=0.287	P=0.194	P=1.000	P=0.206
HISTCONT ALL RTES	P=0.293	P=0.169	P=1.000	P=0.181
CURR VS HC SAME RTE	P=0.376			
CURR VS HC ALL RTES	P=0.368			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Pituitary Gland: Pars Distalis or Unspecified Site Adenoma				
TUMOR RATES				
OVERALL (a)	3/49 (6%)	4/50 (8%)	0/50 (0%)	1/49 (2%)
POLY-3 RATE (b)	3/44.37	4/46.47	0/40.66	1/46.56
POLY-3 PERCENT (g)	6.8%	8.6%	0%	2.2%
TERMINAL (d)	3/32 (9%)	4/40 (10%)	0/26 (0%)	1/44 (2%)
FIRST INCIDENCE	729 (T)	729 (T)	---	729 (T)
HC TUMORS SAME ROUTE	14/343 (4%)			
HC TUMORS ALL ROUTES	76/1175 (7%)			
STATISTICAL TESTS				
POLY 3	P=0.108N	P=0.525	P=0.135N	P=0.288N
POLY 1.5	P=0.110N	P=0.516	P=0.126N	P=0.297N
POLY 6	P=0.103N	P=0.541	P=0.147N	P=0.273N
COCH-ARM / FISHERS	P=0.111N	P=0.511	P=0.117N	P=0.309N
MAX-ISO-POLY-3	P=0.104N	P=0.372	P=0.052N	P=0.148N
HISTCONT SAME RTE	P=1.000	P=0.167	P=1.000	P=1.000
HISTCONT ALL RTES	P=1.000	P=0.462	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.533			
CURR VS HC ALL RTES	P=0.923			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skeletal Muscle Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	0%	0%	0%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	---	---
HC TUMORS SAME ROUTE	1/348 (0%)			
HC TUMORS ALL ROUTES	4/1198 (0%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/45.50	0/46.47	2/41.22	0/47.56
POLY-3 PERCENT (g)	2.2%	0%	4.9%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	695	---	645	---
HC TUMORS SAME ROUTE	13/348 (4%)			
HC TUMORS ALL ROUTES	62/1198 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.450N	P=0.496N	P=0.466	P=0.491N
POLY 1.5	P=0.454N	P=0.499N	P=0.480	P=0.496N
POLY 6	P=0.441N	P=0.491N	P=0.447	P=0.483N
COCH-ARM / FISHERS	P=0.461N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.322N	P=0.159N	P=0.262	P=0.159N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.519			
CURR VS HC ALL RTES	P=0.317			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin				
Fibrosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	2/41.22	0/47.56
POLY-3 PERCENT (g)	0%	0%	4.9%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	645	---
HC TUMORS SAME ROUTE	5/348 (1%)			
HC TUMORS ALL ROUTES	28/1198 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.624	(e)	P=0.216	(e)
POLY 1.5	P=0.612	(e)	P=0.225	(e)
POLY 6	P=0.645	(e)	P=0.206	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.242	(e)	P=0.075	(e)
HISTCONT SAME RTE	P=0.550	(e)	P=0.123	(e)
HISTCONT ALL RTES	P=1.000	(e)	P=0.317	(e)
CURR VS HC SAME RTE	P=0.340			
CURR VS HC ALL RTES	P=0.264			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	1/45.50	0/46.47	2/41.22	0/47.56
POLY-3 PERCENT (g)	2.2%	0%	4.9%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	695	---	645	---
HC TUMORS SAME ROUTE	13/348 (4%)			
HC TUMORS ALL ROUTES	62/1198 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.450N	P=0.496N	P=0.466	P=0.491N
POLY 1.5	P=0.454N	P=0.499N	P=0.480	P=0.496N
POLY 6	P=0.441N	P=0.491N	P=0.447	P=0.483N
COCH-ARM / FISHERS	P=0.461N	P=0.500N	P=0.500	P=0.500N
MAX-ISO-POLY-3	P=0.322N	P=0.159N	P=0.262	P=0.159N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.519			
CURR VS HC ALL RTES	P=0.317			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Skin				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	1/41.04	0/47.56
POLY-3 PERCENT (g)	0%	0%	2.4%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	621	---
HC TUMORS SAME ROUTE	2/348 (1%)			
HC TUMORS ALL ROUTES	13/1198 (1%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Stomach, Forestomach Squamous Cell Carcinoma or Papilloma Squamous				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	12/348 (3%)			
HC TUMORS ALL ROUTES	23/1198 (2%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Stomach, Forestomach Squamous Cell Papilloma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
POLY-3 RATE (b)	1/45.37	0/46.47	0/40.66	0/47.56
POLY-3 PERCENT (g)	2.2%	0%	0%	0%
TERMINAL (d)	1/33 (3%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	729 (T)	---	---	---
HC TUMORS SAME ROUTE	12/348 (3%)			
HC TUMORS ALL ROUTES	22/1198 (2%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
Uterus				
Polyp Stromal				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	0/50 (0%)	4/50 (8%)
POLY-3 RATE (b)	0/45.37	0/46.47	0/40.66	4/47.56
POLY-3 PERCENT (g)	0%	0%	0%	8.4%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	4/45 (9%)
FIRST INCIDENCE	---	---	---	729 (T)
HC TUMORS SAME ROUTE	3/348 (1%)			
HC TUMORS ALL ROUTES	24/1198 (2%)			
STATISTICAL TESTS				
POLY 3	P=0.003**	(e)	(e)	P=0.067
POLY 1.5	P=0.003**	(e)	(e)	P=0.064
POLY 6	P=0.003**	(e)	(e)	P=0.073
COCH-ARM / FISHERS	P=0.003**	(e)	(e)	P=0.059
MAX-ISO-POLY-3	P=0.004**	(e)	(e)	P=0.024*
HISTCONT SAME RTE	P=0.011*	(e)	(e)	P=0.005**
HISTCONT ALL RTES	P=0.021*	(e)	(e)	P=0.003**
CURR VS HC SAME RTE	P=0.506			
CURR VS HC ALL RTES	P=0.303			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/45.45	0/46.47	1/40.91	2/47.56
POLY-3 PERCENT (g)	2.2%	0%	2.4%	4.2%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	2/45 (4%)
FIRST INCIDENCE	709	---	662	729 (T)
HC TUMORS SAME ROUTE	5/348 (1%)			
HC TUMORS ALL ROUTES	11/1198 (1%)			
STATISTICAL TESTS				
POLY 3	P=0.255	P=0.496N	P=0.737	P=0.516
POLY 1.5	P=0.252	P=0.499N	P=0.747	P=0.508
POLY 6	P=0.262	P=0.490N	P=0.723	P=0.530
COCH-ARM / FISHERS	P=0.247	P=0.500N	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.252	P=0.159N	P=0.471	P=0.298
HISTCONT SAME RTE	P=0.105	P=1.000	P=1.000	P=0.158
HISTCONT ALL RTES	P=0.016*	P=1.000	P=0.440	P=0.018*
CURR VS HC SAME RTE	P=0.772			
CURR VS HC ALL RTES	P=0.453			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Hemangiosarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	0/50 (0%)	0/50 (0%)	2/50 (4%)	0/50 (0%)
POLY-3 RATE (b)	0/45.37	0/46.47	2/41.34	0/47.56
POLY-3 PERCENT (g)	0%	0%	4.8%	0%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	---	---	621	---
HC TUMORS SAME ROUTE	8/348 (2%)			
HC TUMORS ALL ROUTES	54/1198 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.624	(e)	P=0.217	(e)
POLY 1.5	P=0.611	(e)	P=0.225	(e)
POLY 6	P=0.645	(e)	P=0.207	(e)
COCH-ARM / FISHERS	P=0.595	(e)	P=0.247	(e)
MAX-ISO-POLY-3	P=0.243	(e)	P=0.075	(e)
HISTCONT SAME RTE	P=0.780	(e)	P=0.332	(e)
HISTCONT ALL RTES	(h)	(e)	(h)	(e)
CURR VS HC SAME RTE	P=0.254			
CURR VS HC ALL RTES	P=0.112			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Hemangiosarcoma or Hemangioma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	3/50 (6%)	2/50 (4%)
POLY-3 RATE (b)	1/45.45	0/46.47	3/41.59	2/47.56
POLY-3 PERCENT (g)	2.2%	0%	7.2%	4.2%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	2/45 (4%)
FIRST INCIDENCE	709	---	621	729 (T)
HC TUMORS SAME ROUTE	13/348 (4%)			
HC TUMORS ALL ROUTES	65/1198 (5%)			
STATISTICAL TESTS				
POLY 3	P=0.258	P=0.496N	P=0.274	P=0.516
POLY 1.5	P=0.251	P=0.499N	P=0.287	P=0.508
POLY 6	P=0.271	P=0.490N	P=0.259	P=0.530
COCH-ARM / FISHERS	P=0.242	P=0.500N	P=0.309	P=0.500
MAX-ISO-POLY-3	P=0.181	P=0.159N	P=0.143	P=0.298
HISTCONT SAME RTE	P=0.425	P=1.000	P=0.236	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=1.000	P=1.000
CURR VS HC SAME RTE	P=0.516			
CURR VS HC ALL RTES	P=0.286			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

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 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Histiocytic Sarcoma				
TUMOR RATES	#	#	#	#
OVERALL (a)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	1/45.84	0/46.47	0/40.66	1/48.11
POLY-3 PERCENT (g)	2.2%	0%	0%	2.1%
TERMINAL (d)	0/33 (0%)	0/40 (0%)	0/26 (0%)	0/45 (0%)
FIRST INCIDENCE	589	---	---	558
HC TUMORS SAME ROUTE	8/348 (2%)			
HC TUMORS ALL ROUTES	30/1198 (3%)			
STATISTICAL TESTS				
POLY 3	(n)	(n)	(n)	(n)
POLY 1.5	(n)	(n)	(n)	(n)
POLY 6	(n)	(n)	(n)	(n)
COCH-ARM / FISHERS	(n)	(n)	(n)	(n)
MAX-ISO-POLY-3	(n)	(n)	(n)	(n)
HISTCONT SAME RTE	(n)	(n)	(n)	(n)
HISTCONT ALL RTES	(n)	(n)	(n)	(n)
CURR VS HC SAME RTE	(n)			
CURR VS HC ALL RTES	(n)			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type				
TUMOR RATES	#	#	#	#
OVERALL (a)	6/50 (12%)	9/50 (18%)	6/50 (12%)	3/50 (6%)
POLY-3 RATE (b)	6/46.69	9/47.57	6/41.73	3/47.56
POLY-3 PERCENT (g)	12.9%	18.9%	14.4%	6.3%
TERMINAL (d)	0/33 (0%)	6/40 (15%)	3/26 (12%)	3/45 (7%)
FIRST INCIDENCE	634	558	597	729 (T)
HC TUMORS SAME ROUTE	58/348 (17%)			
HC TUMORS ALL ROUTES	250/1198 (21%)			
STATISTICAL TESTS				
POLY 3	P=0.116N	P=0.301	P=0.540	P=0.233N
POLY 1.5	P=0.118N	P=0.292	P=0.574	P=0.238N
POLY 6	P=0.110N	P=0.314	P=0.492	P=0.224N
COCH-ARM / FISHERS	P=0.120N	P=0.288	P=0.620N	P=0.243N
MAX-ISO-POLY-3	P=0.129N	P=0.214	P=0.420	P=0.143N
HISTCONT SAME RTE	P=1.000	P=1.000	P=1.000	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.386			
CURR VS HC ALL RTES	P=0.107			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	17/50 (34%)	21/50 (42%)	17/50 (34%)	20/50 (40%)
POLY-3 RATE (b)	17/46.53	21/46.93	17/43.44	20/48.00
POLY-3 PERCENT (g)	36.5%	44.8%	39.1%	41.7%
TERMINAL (d)	12/33 (36%)	18/40 (45%)	11/26 (42%)	19/45 (42%)
FIRST INCIDENCE	568	681	381	603
HC TUMORS SAME ROUTE	167/348 (48%)			
HC TUMORS ALL ROUTES	628/1198 (52%)			
STATISTICAL TESTS				
POLY 3	P=0.427	P=0.274	P=0.485	P=0.382
POLY 1.5	P=0.410	P=0.263	P=0.529	P=0.359
POLY 6	P=0.467	P=0.296	P=0.423	P=0.426
COCH-ARM / FISHERS	P=0.393	P=0.268	P=0.583N	P=0.339
MAX-ISO-POLY-3	P=0.475	P=0.209	P=0.400	P=0.307
HISTCONT SAME RTE	(h)	(h)	(h)	(h)
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.037*			
CURR VS HC ALL RTES	P=0.007**			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Malignant Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	19/50 (38%)	19/50 (38%)	26/50 (52%)	9/50 (18%)
POLY-3 RATE (b)	19/48.23	19/48.04	26/46.04	9/49.24
POLY-3 PERCENT (g)	39.4%	39.6%	56.5%	18.3%
TERMINAL (d)	8/33 (24%)	14/40 (35%)	10/26 (39%)	6/45 (13%)
FIRST INCIDENCE	569	558	526	491
HC TUMORS SAME ROUTE	136/348 (39%)			
HC TUMORS ALL ROUTES	581/1198 (49%)			
STATISTICAL TESTS				
POLY 3	P=0.015N*	P=0.576	P=0.070	P=0.017N*
POLY 1.5	P=0.018N*	P=0.570	P=0.084	P=0.019N*
POLY 6	P=0.013N*	P=0.581N	P=0.058	P=0.015N*
COCH-ARM / FISHERS	P=0.025N*	P=0.582N	P=0.114	P=0.022N*
MAX-ISO-POLY-3	P=0.004N**	P=0.493	P=0.049*	P=0.010N**
HISTCONT SAME RTE	P=1.000	P=1.000	P=0.080	P=1.000
HISTCONT ALL RTES	P=1.000	P=1.000	P=0.353	P=1.000
CURR VS HC SAME RTE	P=0.782			
CURR VS HC ALL RTES	P=0.119			

Experiment Number: 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 06/15/2012
 Time Report Requested: 12:41:18
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

**STATISTICAL ANALYSIS OF PRIMARY TUMORS IN MICE(B6C3F1)
 TERMINAL SACRIFICE AT 105 WEEKS**

DOSE	Females			
	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg
All Organs				
Malignant and Benign Tumors				
TUMOR RATES	#	#	#	#
OVERALL (a)	30/50 (60%)	32/50 (64%)	36/50 (72%)	26/50 (52%)
POLY-3 RATE (b)	30/48.76	32/48.32	36/47.85	26/49.24
POLY-3 PERCENT (g)	61.5%	66.2%	75.2%	52.8%
TERMINAL (d)	18/33 (55%)	25/40 (63%)	17/26 (65%)	23/45 (51%)
FIRST INCIDENCE	568	558	381	491
HC TUMORS SAME ROUTE	242/348 (70%)			
HC TUMORS ALL ROUTES	906/1198 (76%)			
STATISTICAL TESTS				
POLY 3	P=0.182N	P=0.393	P=0.105	P=0.252N
POLY 1.5	P=0.193N	P=0.390	P=0.119	P=0.262N
POLY 6	P=0.166N	P=0.404	P=0.091	P=0.235N
COCH-ARM / FISHERS	P=0.215N	P=0.418	P=0.146	P=0.273N
MAX-ISO-POLY-3	P=0.094N	P=0.315	P=0.071	P=0.192N
HISTCONT SAME RTE	P=1.000	P=1.000	P=0.408	P=1.000
HISTCONT ALL RTES	(h)	(h)	(h)	(h)
CURR VS HC SAME RTE	P=0.122			
CURR VS HC ALL RTES	P=0.006**			

Experiment Number: 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P08: STATISTICAL ANALYSIS OF PRIMARY TUMORS

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 06/15/2012

Time Report Requested: 12:41:18

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
- (b) Number of tumor-bearing animals/Poly-3 number
- (d) Observed incidence at terminal kill.
- (e) Value of statistic cannot be computed.
- (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
- (g) Poly-3 adjusted lifetime tumor incidence.
- (h) Historical Controls statistic is not calculated when the HC Poly-3 rate is higher than the Poly-3 rates for all dose groups.
- (n) No statistics are calculated if all dose groups have fewer than two tumors.
- (I) Interim sacrifice
- (T) Terminal sacrifice
- # Tumor rates based on numbers of animals necropsied.
- * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
- ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
- N Indicates a negative trend for all tests
The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

*** END OF REPORT ***