

# **NTP Historical Controls Report**

# All Routes and Vehicles

# MICE

November 2014

This report shows the tumor rates of control group animals from selected studies. The studies used are shown on the Study Summary page.

The report combines all the data from all of the historical control studies into one section. To see this data broken up by route and vehicle you must run the "By Route And Vehicle" report.

The individual tumor rates shown on the data pages of the report relate to the Study Summary page as follows: the tumor rates are shown in the same order as the Study Summary page, except that they are grouped horizontally in sets of three, with the males in the first set of three and the females in the second set. For example if the study summary showed the studies like this:

Male M1 M2 M3 M4 M5 Female F1 F2 F3 F4 F5

the data would be shown as:

	Male		Female					
M1	M2	М3	F1	F2	F3			
M4	M5		F4	F5				

Directly beneath the individual tumor rates on the data pages are the overall totals for that tumor/site combination. This includes the total tumors/animals, the overall mean (in parentheses), the mean of the study means, and the standard deviation of the study means.

Studies with no control animals of a particular gender are listed on the summary page with the Number of Animals shown as zero and the Start Date and Length of Study shown as "N/A". On the data pages there are blank spaces where tumor rates for these studies would normally be found, so that the male and female rates for the remaining studies can be easily compared.

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

				Stu	dy Summary		
Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
					Male		
Battelle Northwest	056031106	05/15/06	729	50(5)	39(715)	54.3	Cobalt
Battelle Columbus Laboratory	059903104	03/17/05	726	50(1)	34(687)	54.6	Ginkgo biloba extract
Battelle Columbus Laboratory	052020304	07/10/07	730	50(1)	33(694)	52.6	Green tea extract
Battelle Columbus Laboratory	052000604	04/03/07	730	50(1)	26(663)	55.6	Indole-3-carbinol
Battelle Columbus Laboratory	052000706	08/24/04	730	50(1)	34(689)	56.4	Kava kava extract
Battelle Northwest	052051504	05/05/08	729	50(5)	39(709)	52.6	Metal working fluids (CIMSTAR 3800)
Battelle Columbus Laboratory	052010704	10/26/04	730	50(1)	34(665)	55.7	N,N-Dimethyl-p-toluidine
Southern Research Institute	052020904	02/25/08	729	50(1)	29(657)	55.3	Pentabromodiphenyl oxide (technical) (DE 71)
Battelle Columbus Laboratory	052000904	11/09/04	730	50(1)	24(645)	57.1	beta-Picoline
Battelle Columbus Laboratory	059903204	09/21/04	729	50(1)	37(698)	56.4	Pyrogallol
Battelle Columbus Laboratory	052032004	08/07/07	730	50(1)	33(687)	55.8	Tetrabromobisphenol A
Southern Research Institute	058813308	12/13/04	729	50(1)	30(665)	54.9	Trimethylolpropane triacrylate
Battelle Northwest	052030306	06/20/05	729	50(5)	29(680)	53.1	Vinylidene chloride
Battelle Columbus Laboratory	059601406	09/26/06	730	50(1)	25(660)	55.9	Water disinfection byproducts (Bromodichloroacetic acid
					Female		
Battelle Northwest	056031106	05/15/06	731	50(5)	36(686)	66.7	Cobalt
Battelle Columbus Laboratory	059903104	03/18/05	727	50(5)	31(628)	64.5	Ginkgo biloba extract
Battelle Columbus Laboratory	052020304	07/09/07	729	50(5)	34(665)	62.9	Green tea extract
Battelle Columbus Laboratory	052000604	04/02/07	729	50(5)	33(702)	66.6	Indole-3-carbinol
Battelle Columbus Laboratory	052000706	08/23/04	729	50(5)	38(695)	66.2	Kava kava extract
Battelle Northwest	052051504	05/05/08	731	50(5)	39(696)	59.2	Metal working fluids (CIMSTAR 3800)
Battelle Columbus Laboratory	052010704	10/25/04	729	50(5)	43(715)	66.6	N,N-Dimethyl-p-toluidine
Southern Research Institute	052020904	02/25/08	731	50(5)	33(679)	57.7	Pentabromodiphenyl oxide (technical) (DE 71)
Battelle Columbus Laboratory	052000904	11/08/04	729	50(5)	38(702)	67.4	beta-Picoline
Battelle Columbus Laboratory	059903204	09/20/04	729	50(1)	33(675)	69.3	Pyrogallol
Battelle Columbus Laboratory	052032004	08/06/07	729	50(5)	40(711)	66.5	Tetrabromobisphenol A
Southern Research Institute	058813308	12/13/04	732	50(1)	39(712)	66.6	Trimethylolpropane triacrylate
Battelle Northwest	052030306	06/20/05	731	50(5)	36(687)	66.0	Vinylidene chloride
Battelle Columbus Laboratory	059601406	09/25/06	729	50(5)	30(680)	63.5	Water disinfection byproducts (Bromodichloroacetic acid

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

#### Page: 4 Report Date: 11/11/2014

			Male				Female	
#All Organs:								
Benign Tumors								
		35/50 (70%)	38/50 (76%)	43/50 (86%)		29/50 (58%)	25/50 (50%)	20/50 (40%)
		33/50 (66%)	34/50 (68%)	39/50 (78%)		17/50 (34%)	26/50 (52%)	26/50 (52%)
		36/50 (72%)	30/50 (60%)	36/50 (72%)		24/50 (48%)	24/50 (48%)	40/50 (80%)
		42/50 (84%)	38/50 (76%)	37/50 (74%)		34/50 (68%)	22/50 (44%)	41/50 (82%)
Overall Incidence	Total	43/50 (86%)	43/50 (86%)	CD 0 10/	Total	32/50 (64%)	36/50 (72%) Mean 56.57%	SD 14.66%
	Total	527/700 (75.29%)	Mean 75.29%	SD 8.1%	Total	396/700 (56.57%)		5D 14.00%
#All Organs:								
Malignant Tumors								
		36/50 (72%)	35/50 (70%)	28/50 (56%)		31/50 (62%)	28/50 (56%)	18/50 (36%)
		27/50 (54%)	32/50 (64%)	26/50 (52%)		19/50 (38%)	19/50 (38%)	30/50 (60%)
		29/50 (58%)	27/50 (54%)	36/50 (72%)		21/50 (42%)	16/50 (32%)	29/50 (58%)
		33/50 (66%)	21/50 (42%)	38/50 (76%)		34/50 (68%)	18/50 (36%)	38/50 (76%)
		37/50 (74%)	30/50 (60%)			33/50 (66%)	31/50 (62%)	
Overall Incidence	Total	435/700 (62.14%)	Mean 62.14%	SD 10.03%	Total	365/700 (52.14%)	Mean 52.14%	SD 14.54%
#All Organs:								
Malignant and Benign	Tumors							
		45/50 (90%)	44/50 (88%)	49/50 (98%)		40/50 (80%)	35/50 (70%)	29/50 (58%)
		48/50 (96%)	47/50 (94%)	46/50 (92%)		30/50 (60%)	39/50 (78%)	41/50 (82%)
		45/50 (90%)	40/50 (80%)	48/50 (96%)		35/50 (70%)	34/50 (68%)	43/50 (86%)
		47/50 (94%)	47/50 (94%)	46/50 (92%)		42/50 (84%)	32/50 (64%)	47/50 (94%)
		49/50 (98%)	48/50 (96%)			45/50 (90%)	45/50 (90%)	
Overall Incidence	Total	649/700 (92.71%)	Mean 92.71%	SD 4.75%	Total	537/700 (76.71%)	Mean 76.71%	SD 11.73%
#All Organs:								
Hemangioma							- / /	
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	2/50 (4%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
		1/50 (2%)	2/50 (4%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
<b>O</b>	<b>T</b> . ( . !	1/50 (2%)	0/50 (0%)	00 4 05%	<b>T</b> . ( . )	0/50 (0%)	0/50 (0%)	00.000
Overall Incidence	Total	10/700 (1.43%)	Mean 1.43%	SD 1.65%	Total	5/700 (0.71%)	Mean 0.71%	SD 0.99%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

#### Page: 5 Report Date: 11/11/2014

			Male				Female	
#All Organs:								
Hemangiosarcoma		7/50 (14%)	9/50 (18%)	5/50 (10%)		3/50 (6%)	2/50 (4%)	2/50 (4%)
		7/50 (14%) 4/50 (8%)	9/50 (18%) 6/50 (12%)	5/50 (10%) 1/50 (2%)		3/50 (6%) 0/50 (0%)	2/50 (4%) 1/50 (2%)	3/50 (6%)
		8/50 (16%)	1/50 (2%)	6/50 (12%)		0/50 (0%)	0/50 (0%)	3/50 (6%)
		5/50 (10%)	1/50 (2%)	6/50 (12%)		6/50 (12%)	1/50 (2%)	2/50 (4%)
		2/50 (4%)	5/50 (10%)	0,000 (12,0)		4/50 (8%)	6/50 (12%)	2/00 (1/0)
Overall Incidence	Total	66/700 (9.43%)	Mean 9.43%	SD 5.23%	Total	33/700 (4.71%)	Mean 4.71%	SD 3.97%
All Organs:								
Hemangiosarcoma or He	emangioma							
		7/50 (14%)	9/50 (18%)	7/50 (14%)		3/50 (6%)	2/50 (4%)	2/50 (4%)
		4/50 (8%)	8/50 (16%)	2/50 (4%)		1/50 (2%)	1/50 (2%)	3/50 (6%)
		8/50 (16%)	1/50 (2%)	7/50 (14%)		1/50 (2%)	1/50 (2%)	3/50 (6%)
		6/50 (12%)	3/50 (6%)	6/50 (12%)		7/50 (14%)	2/50 (4%)	2/50 (4%)
		3/50 (6%)	5/50 (10%)		_	4/50 (8%)	6/50 (12%)	
Overall Incidence	Total	76/700 (10.86%)	Mean 10.86%	SD 4.94%	Total	38/700 (5.43%)	Mean 5.43%	SD 3.72%
All Organs: Histiocytic Sarcoma								
-		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	0/50 (0%)
		2/50 (4%)	0/50 (0%)	1/50 (2%)		1/50 (2%)	3/50 (6%)	2/50 (4%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	2/50 (4%)
		2/50 (4%)	1/50 (2%)			2/50 (4%)	2/50 (4%)	
Verall Incidence	Total	9/700 (1.29%)	Mean 1.29%	SD 1.49%	Total	17/700 (2.43%)	Mean 2.43%	SD 1.79%
#All Organs:								
	listiocytic, Lyn	nphocytic, Mixed, NOS, o	r Undifferentiated Cell	Туре				
		4/50 (8%)	1/50 (2%)	4/50 (8%)		14/50 (28%)	11/50 (22%)	7/50 (14%)
		3/50 (6%)	2/50 (4%)	3/50 (6%)		6/50 (12%)	6/50 (12%)	18/50 (36%)
		4/50 (8%)	5/50 (10%)	0/50 (0%)		15/50 (30%)	7/50 (14%)	14/50 (28%)
		2/50 (4%)	3/50 (6%)	2/50 (4%)		13/50 (26%)	9/50 (18%)	20/50 (40%)
		2/50 (4%)	0/50 (0%)			14/50 (28%)	6/50 (12%)	
Overall Incidence	Total	35/700 (5%)	Mean 5%	SD 3.01%	Total	160/700 (22.86%)	Mean 22.86%	SD 9.37%

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
All Organs:								
Mesothelioma: Benign								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	<b>T</b> ( )	0/50 (0%)	0/50 (0%)	00 0 500/	<b>T</b> ( )	0/50 (0%)	0/50 (0%)	00.00/
verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
All Organs:								
Mesothelioma: Benign, I	Malignant, NOS							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%	Total	0/700 (0%)	Mean 0%	SD 0%
All Organs: Mesothelioma: Malignan								
5		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	. ,		0/50 (0%)	0/50 (0%)	. ,
verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
All Organs: Osteoma								
00.001114		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	()		0/50 (0%)	1/50 (2%)	(-,3)

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#All Organs:								
Osteosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
overall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0.14%	SD 0.53%	Total	0/50 (0%) 2/700 (0.29%)	0/50 (0%) Mean 0.29%	SD 1.07%
		1/700 (0.14%)				( )		
All Organs:								
Osteosarcoma or Osteoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	3/700 (0.43%)	Mean 0.43%	SD 1.16%
Adrenal Cortex: Adenoma								
		1/50 (2%)	1/50 (2%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	9/49 (18%)		2/49 (4%)	0/50 (0%)	0/49 (0%)
		3/50 (6%)	0/50 (0%)	2/49 (4%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		9/50 (18%)	1/50 (2%)	6/50 (12%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	2/50 (4%)			1/50 (2%)	0/49 (0%)	
Verall Incidence	Total	36/697 (5.16%)	Mean 5.18%	SD 6.32%	Total	4/695 (0.58%)	Mean 0.58%	SD 1.24%
Adrenal Medulla: Pheochromocytoma Benign								
i neocinomocytoma Bellign		0/50 (0%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	1/48 (2%)		0/49 (0%)	0/50 (0%)	1/49 (2%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		2/50 (4%)	0/49 (0%)	1/49 (2%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		2/50 (4%)	1/50 (2%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/10 (0/0)		1/50 (2%)	0/50 (0%)	0,00 (0,0)
Overall Incidence	Total	3/695 (0.43%)	Mean 0.43%	SD 0.86%	Total	9/695 (1.29%)	Mean 1.29%	SD 1.49%
Overall Incidence		· · ·				· /		

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Adrenal Medulla:								
Pheochromocytoma Ma	alignant							
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/48 (0%)		0/49 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		1/50 (2%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
verall Incidence	Total	1/695 (0.14%)	Mean 0.14%	SD 0.53%	Total	3/695 (0.43%)	Mean 0.43%	SD 1.16%
Adrenal Medulla:								
Pheochromocytoma: B	enign, Complex	, Malignant, NOS						
		0/50 (0%)	0/50 (0%)	0/49 (0%)		1/50 (2%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	1/48 (2%)		0/49 (0%)	0/50 (0%)	1/49 (2%)
		0/50 (0%)	1/50 (2%)	0/49 (0%)		2/50 (4%)	0/49 (0%)	1/49 (2%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		2/50 (4%)	1/50 (2%)	2/50 (4%)
		2/50 (4%)	0/50 (0%)			2/50 (4%)	0/50 (0%)	
overall Incidence	Total	4/695 (0.58%)	Mean 0.58%	SD 1.23%	Total	12/695 (1.73%)	Mean 1.72%	SD 1.73%
Blood Vessel: Hemangioma								
C C		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Bone Marrow: Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	()		0/50 (0%)	0/50 (0%)	(-,0)
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/698 (0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Bone Marrow:								
Hemangiosarcoma			- / /			- / />	- / /	
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		1/50 (2%)	2/50 (4%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/49 (0%)	1/49 (2%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		3/50 (6%)	0/50 (0%)	0/50 (0%)
	Tatal	1/50 (2%)	0/50 (0%)	CD 4 400/	Tatal	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	9/700 (1.29%)	Mean 1.29%	SD 1.49%	Total	5/698 (0.72%)	Mean 0.72%	SD 1.69%
Bone Marrow:								
Mast Cell Tumor Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%
Bone Marrow: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%
≇Bone: Fibroma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	(0,00		0/50 (0%)	0/50 (0%)	
	Total	0/700 (0%)	Mean 0%	SD 0%		1/700 (0.14%)	Mean 0.14%	SD 0.53%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Bone:								
Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		3/50 (6%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	3/700 (0.43%)	Mean 0.43%	SD 1.6%
Bone:								
Osteoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Bone: Osteosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 1.07%
Bone:								
Osteosarcoma or Osteoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	3/700 (0.43%)	Mean 0.43%	SD 1.16%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
#Bone:														
Sarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/700 (0%		Mean	0%	SD 0%		Total	1/700 (0.	14%)	Mean	0.14%	SD 0.	53%
Brain:														
Granular Cell Tumor Be	nian													
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)		· · /		0/50	(0%)	0/49	(0%)		· · /
Overall Incidence	Total	1/700 (0.14		Mean 0		SD 0.53%		Total	0/699 (	,		in 0%	SD	
Brain:														
Meningioma Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)				0/50	(0%)	0/49	(0%)	_	
Overall Incidence	Total	1/700 (0.14	,	Mean 0		SD 0.53%		Total	0/699 (	,		in 0%	SD	
Brain:														
Meningioma: Benign, M	alignant, NOS													
· · · · · · · · · · · · · · · · · · ·		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)		(- / - /		0/50	(0%)	0/49	(0%)		(- / - /
	Total	1/700 (0.14	( )	Mean 0		SD 0.53%		Total	0/699 (	· · /		n 0%	SD	<b>~</b> ~/

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
Brain:								
Oligodendroglioma Mali	gnant							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/699 (0%)	Mean 0%	SD 0%
Brain:								
Oligodendroglioma, Glio	oma, or Astrocy	•						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/699 (0%)	Mean 0%	SD 0%
Clitoral/Preputial Gland: Hemangioma								
-		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/43 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	0/44 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)			0/45 (0%)	0/47 (0%)	
verall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/673 (0%)	Mean 0%	SD 0%
Clitoral/Preputial Gland: Hemangiosarcoma								
-		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/43 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/49 (0%)	0/44 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/45 (0%)	0/47 (0%)	. ,
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/673 (0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Coagulating Gland: Granular Cell Tumor								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
verall Incidence	Total	0/50 (0%)	0/50 (0%) Mean 0.14%	SD 0.53%	Total	0/50 (0%)	0/50 (0%) Mean 0%	SD 0%
		1/700 (0.14%)		5D 0.53%		0/700 (0%)	wean 0%	50 0%
Coagulating Gland: Sarcoma								
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	<b>T</b> ( )	0/50 (0%)	0/50 (0%)	00 0 500/	<b>T</b>	0/50 (0%)	0/50 (0%)	00.00/
verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Eye: Melanoma Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Harderian Gland: Adenoma								
		6/50 (12%)	4/50 (8%)	7/50 (14%)		3/50 (6%)	5/50 (10%)	2/50 (4%)
		6/50 (12%)	5/50 (10%)	7/50 (14%)		3/50 (6%)	5/50 (10%)	2/50 (4%)
		11/50 (22%)	5/50 (10%)	5/50 (10%)		1/50 (2%)	9/50 (18%)	2/50 (4%)
		6/50 (12%)	7/50 (14%)	8/50 (16%)		1/50 (2%)	2/50 (4%)	5/50 (10%)
		7/50 (14%)	6/50 (12%)			1/50 (2%)	5/50 (10%)	
Verall Incidence	Total	90/700 (12.86%)	Mean 12.86%	SD 3.39%	Total	46/700 (6.57%)	Mean 6.57%	SD 4.54%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Harderian Gland:								
Carcinoma		0/50 (404)	0/50 (00/)	4/50 (00()		0/50 (00/)	4/50 (00/)	0/50 (40/)
		2/50 (4%)	3/50 (6%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	2/50 (4%)
		1/50 (2%)	0/50 (0%)	5/50 (10%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	1/50 (2%)	2/50 (4%)
		2/50 (4%)	1/50 (2%)	3/50 (6%)		2/50 (4%)	1/50 (2%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)	00.0000		3/50 (6%)	0/50 (0%)	<b>AB A A A A</b>
verall Incidence	Total	21/700 (3%)	Mean 3%	SD 2.91%	Total	14/700 (2%)	Mean 2%	SD 2.08%
Harderian Gland:								
Carcinoma or Adenoma								
		8/50 (16%)	7/50 (14%)	8/50 (16%)		3/50 (6%)	6/50 (12%)	4/50 (8%)
		7/50 (14%)	5/50 (10%)	12/50 (24%)		3/50 (6%)	5/50 (10%)	2/50 (4%)
		11/50 (22%)	6/50 (12%)	7/50 (14%)		1/50 (2%)	10/50 (20%)	4/50 (8%)
		8/50 (16%)	8/50 (16%)	11/50 (22%)		3/50 (6%)	3/50 (6%)	7/50 (14%)
		7/50 (14%)	6/50 (12%)			4/50 (8%)	5/50 (10%)	
Overall Incidence	Total	111/700 (15.86%)	Mean 15.86%	SD 4.11%	Total	60/700 (8.57%)	Mean 8.57%	SD 4.54%
Heart: Hemangiosarcoma								
-		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/700 (0.57%)	Mean 0.57%	SD 0.94%	Total	0/700 (0%)	Mean 0%	SD 0%
fIntestine Large: Cecum: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	(=:0)		0/50 (0%)	0/50 (0%)	(-,-)
		0/00 (0/0)	0/00 (0/0)			0/00 (0/0)	0/00 (0/0)	

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						I	emale		
#Intestine Large: Cecum: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)				1/50	(2%)	0/50	(0%)		
verall Incidence	Total	2/700 (0.29	,	Mean 0		SD 0.739		Total	1/700 (0	.14%)	Mean	0.14%	SD 0.	53%
Intestine Large: Cecum:														
Carcinoma or Adenoma		0/50	(00()	0/50	(00()	0/50	(00()		0/50	(00()	0/50	(00()	0/50	(00()
		0/50	(0%)	0/50	(0%)	0/50	(0%) (0%)		0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%) (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 1/50	(0%) (2%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
		0/50 1/50	(0%) (2%)	0/50 1/50	(0%) (2%)	1/50	(2%)		0/50 1/50	(0%) (2%)	0/50	(0%) (0%)	0/50	(0%)
Worall Incidence	Total		( )	1/50	( )	SD 0.859	07	Total		( )		(0%) 0.14%	SD 0.	E 20/
verall Incidence	Total	3/700 (0.43	,	Mean 0				Total	1/700 (0	,				
Intestine Large: Cecum: Leiomyosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
overall Incidence	Total	0/700 (0%	,	Mean		SD 0%		Total	1/700 (0	,		0.14%	SD 0.	
Intestine Small: Duodenum: Adenoma														
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		2/50	(4%)	1/50	(2%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)		. ,		0/50	(0%)	0/50	(0%)		. ,
Overall Incidence	Total	6/700 (0.86	5%)	Mean 0	86%	SD 1.299	%	Total	3/700 (0	.43%)	Mean	0.43%	SD 0.	85%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#Intestine Small: Duodenum: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Small: Ileum: Adenoma								
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Small: Ileum: Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
Verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
Intestine Small: Jejunum: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/700 (0.43%)	Mean 0.43%	SD 0.85%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Intestine Small: Jejunu	m:							
Carcinoma								
		0/50 (0%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
	Tatal	0/50 (0%)	1/50 (2%)		Tatal	0/50 (0%)	0/50 (0%)	
verall Incidence	Total	11/700 (1.57%)	Mean 1.57%	SD 1.6%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Intestine Small: Jejunui Leiomyosarcoma	m:							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
Intestine Small: Site Un Adenoma								
		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	2/50 (4%)	1/50 (2%)		0/50 (0%)	2/50 (4%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)			1/50 (2%)	0/50 (0%)	
verall Incidence	Total	11/700 (1.57%)	Mean 1.57%	SD 1.95%	Total	5/700 (0.71%)	Mean 0.71%	SD 1.27%
Intestine Small: Site Un Carcinoma								
		0/50 (0%)	1/50 (2%)	2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	2/50 (4%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	2/50 (4%)			1/50 (2%)	0/50 (0%)	

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Intestine Small: Site Uns Carcinoma or Adenoma	•							
		2/50 (4%)	1/50 (2%)	2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	3/50 (6%)	1/50 (2%)		0/50 (0%)	2/50 (4%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	2/50 (4%)	2/50 (4%)		1/50 (2%)	1/50 (2%)	1/50 (2%)
		1/50 (2%)	3/50 (6%)			2/50 (4%)	0/50 (0%)	
verall Incidence	Total	23/700 (3.29%)	Mean 3.29%	SD 2.02%	Total	9/700 (1.29%)	Mean 1.29%	SD 1.49%
Intestine Small: Site Uns Leiomyosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
slets, Pancreatic: Adenoma								
		0/49 (0%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		1/50 (2%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	1/50 (2%)	1/50 (2%)
		1/50 (2%)	1/50 (2%)	1/49 (2%)		0/50 (0%)	1/50 (2%)	0/48 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	2/49 (4%)
		2/50 (4%)	0/50 (0%)			1/50 (2%)	0/49 (0%)	
verall Incidence	Total	11/698 (1.58%)	Mean 1.57%	SD 1.4%	Total	8/696 (1.15%)	Mean 1.15%	SD 1.31%
slets, Pancreatic: Carcinoma								
		0/49 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/48 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	3/698 (0.43%)	Mean 0.43%	SD 0.85%	Total	0/696 (0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
slets, Pancreatic: Carcinoma or Adenom	a													
		0/49	(0%)	1/50	(2%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		1/50	(2%)	0/50	(0%)	2/50	(4%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		2/50	(4%)	1/50	(2%)	1/49	(2%)		0/50	(0%)	1/50	(2%)	0/48	(0%)
		2/50	(4%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	2/49	(4%)
		2/50	(4%)	0/50	(0%)				1/50	(2%)	0/49	(0%)		
verall Incidence	Total	14/698 (2.01	,	Mean		SD 1.75%		Total	8/696 (1.	15%)	Mean	1.15%	SD 1.	31%
Kidney: Pelvis and Tran Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
verall Incidence	Total	0/698 (0%)		Mean		SD 0%		Total	1/698 (0.	,		0.14%	SD 0.	
Kidney: Pelvis and Tran Carcinoma or Adenom	sitional Epitheli													
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
verall Incidence	Total	0/698 (0%)	,	Mean		SD 0%		Total	1/698 (0.	,		0.14%	SD 0.	
Kidney: Renal Tubule: Adenoma														
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	2/48	(4%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	2/50	(4%)				0/50	(0%)	0/50	(0%)		
		0/50	(0%)	2/30	(4%)				0/50	(0%)	0/50	(070)		

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Kidney: Renal Tubule: Carcinoma								
		0/50 (0%	, , , , , , , , , , , , , , , , , , , ,	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	, , , , , , , , , , , , , , , , , , , ,	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%		0/48 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%	, ( ,			0/50 (0%)	0/50 (0%)	
verall Incidence	Total	2/698 (0.29%)	Mean 0.29%	SD 1.07%	Total	0/698 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Carcinoma or Adenoma								
		0/50 (0%	) 0/50 (0%)	3/50 (6%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	) 1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%	) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%	, , , , , , , , , , , , , , , , , , , ,	2/48 (4%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%	) 2/50 (4%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	9/698 (1.29%)	Mean 1.3%	SD 2.03%	Total	0/698 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Hemangioma								
		0/50 (0%	) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	) 1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%	) 0/50 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%	) 0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/698 (0%)	Mean 0%	SD 0%
Kidney: Renal Tubule: Hemangiosarcoma								
-		0/50 (0%	) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%	) 0/50 (0%)	0/48 (0%)		1/50 (2%)	0/50 (0%)	0/49 (0%)
		1/50 (2%	) 0/50 (0%)			0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Liver:								
Hemangioma								
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	2/50 (4%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	4/700 (0.57%)	Mean 0.57%	SD 1.45%	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%
Liver:								
Hemangiosarcoma								
-		4/50 (8%)	9/50 (18%)	3/50 (6%)		2/50 (4%)	0/50 (0%)	1/50 (2%)
		4/50 (8%)	5/50 (10%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		6/50 (12%)	0/50 (0%)	5/50 (10%)		0/50 (0%)	0/50 (0%)	2/49 (4%)
		3/50 (6%)	0/50 (0%)	2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	1/50 (2%)			1/50 (2%)	2/49 (4%)	
Overall Incidence	Total	44/700 (6.29%)	Mean 6.29%	SD 5.2%	Total	10/698 (1.43%)	Mean 1.44%	SD 1.67%
Liver: Hepatoblastoma								
		2/50 (4%)	3/50 (6%)	2/50 (4%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		3/50 (6%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		1/50 (2%)	1/50 (2%)	6/50 (12%)		0/50 (0%)	0/50 (0%)	1/49 (2%)
		4/50 (8%)	2/50 (4%)	5/50 (10%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	4/50 (8%)	· · /		0/50 (0%)	0/49 (0%)	· · ·
Overall Incidence	Total	34/700 (4.86%)	Mean 4.86%	SD 3.66%	Total	4/698 (0.57%)	Mean 0.57%	SD 0.94%
Liver:								
Hepatocellular Adenoma								
		28/50 (56%)	31/50 (62%)	35/50 (70%)		19/50 (38%)	17/50 (34%)	12/50 (24%)
		26/50 (52%)	27/50 (54%)	24/50 (48%)		7/50 (14%)	8/50 (16%)	14/50 (28%)
		29/50 (58%)	23/50 (46%)	33/50 (66%)		17/50 (34%)	5/50 (10%)	38/49 (78%)
		39/50 (78%)	32/50 (64%)	34/50 (68%)		30/50 (60%)	13/50 (26%)	34/50 (68%)
		37/50 (74%)	39/50 (78%)			25/50 (50%)	33/49 (67%)	· · /
Overall Incidence	Total	437/700 (62.43%)	Mean 62.43%	SD 10.53%	Total	272/698 (38.97%)	Mean 39.06%	SD 21.93%

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
*Liver:								
Hepatocellular Carcinom	na							
		25/50 (50%)	22/50 (44%)	15/50 (30%)		10/50 (20%)	9/50 (18%)	5/50 (10%)
		12/50 (24%)	20/50 (40%)	11/50 (22%)		6/50 (12%)	3/50 (6%)	10/50 (20%)
		22/50 (44%)	18/50 (36%)	26/50 (52%)		6/50 (12%)	4/50 (8%)	11/49 (22%)
		20/50 (40%)	11/50 (22%)	22/50 (44%)		17/50 (34%)	2/50 (4%)	12/50 (24%)
		26/50 (52%)	12/50 (24%)			8/50 (16%)	9/49 (18%)	
Overall Incidence	Total	262/700 (37.43%)	Mean 37.43%	SD 11.16%	Total	112/698 (16.05%)	Mean 16.06%	SD 8.07%
*Liver:								
Hepatocellular Carcinom	na or Hepatob	lastoma						
		27/50 (54%)	24/50 (48%)	17/50 (34%)		10/50 (20%)	10/50 (20%)	5/50 (10%)
		15/50 (30%)	20/50 (40%)	11/50 (22%)		6/50 (12%)	3/50 (6%)	10/50 (20%)
		22/50 (44%)	18/50 (36%)	26/50 (52%)		6/50 (12%)	4/50 (8%)	12/49 (24%)
		21/50 (42%)	12/50 (24%)	26/50 (52%)		18/50 (36%)	2/50 (4%)	12/50 (24%)
		27/50 (54%)	15/50 (30%)			8/50 (16%)	9/49 (18%)	
Overall Incidence	Total	281/700 (40.14%)	Mean 40.14%	SD 11.08%	Total	115/698 (16.48%)	Mean 16.49%	SD 8.6%
*Liver:								
Hepatocellular Carcinon	na or Hepatoc	ellular Adenoma						
-	-	38/50 (76%)	39/50 (78%)	40/50 (80%)		25/50 (50%)	20/50 (40%)	14/50 (28%)
		35/50 (70%)	38/50 (76%)	32/50 (64%)		12/50 (24%)	10/50 (20%)	20/50 (40%)
		38/50 (76%)	31/50 (62%)	45/50 (90%)		20/50 (40%)	8/50 (16%)	40/49 (82%)
		43/50 (86%)	39/50 (78%)	37/50 (74%)		35/50 (70%)	15/50 (30%)	37/50 (74%)
		44/50 (88%)	42/50 (84%)	. ,		28/50 (56%)	36/49 (73%)	. ,
	Total	541/700 (77.29%)	Mean 77.29%	SD 8.25%	Total	320/698 (45.85%)	Mean 45.94%	SD 21.92%
					• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		••••••
*Liver:		lular Adenoma. or Hepatol	olastoma					
*Liver:		lular Adenoma, or Hepatol 39/50 (78%)		40/50 (80%)		25/50 (50%)	20/50 (40%)	14/50 (28%)
*Liver:		lular Adenoma, or Hepatol 39/50 (78%) 36/50 (72%)	b <b>lastoma</b> 39/50 (78%) 38/50 (76%)	40/50 (80%) 32/50 (64%)		25/50 (50%) 12/50 (24%)	20/50 (40%) 10/50 (20%)	14/50 (28%) 20/50 (40%)
*Liver:		39/50 (78%) 36/50 (72%)	39/50 (78%) 38/50 (76%)	32/50 (64%)		12/50 (24%)	10/50 (20%)	20/50 (40%)
*Liver:		39/50 (78%) 36/50 (72%) 38/50 (76%)	39/50 (78%) 38/50 (76%) 31/50 (62%)	32/50 (64%) 45/50 (90%)		12/50 (24%) 20/50 (40%)	10/50 (20%) 8/50 (16%)	20/50 (40%) 40/49 (82%)
*Liver:		39/50 (78%) 36/50 (72%)	39/50 (78%) 38/50 (76%)	32/50 (64%)		12/50 (24%)	10/50 (20%)	20/50 (40%)

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
*Liver:								
Hepatocholangiocarcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	4/50 (8%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)			0/50 (0%)	0/49 (0%)	
Verall Incidence	Total	9/700 (1.29%)	Mean 1.29%	SD 2.43%	Total	0/698 (0%)	Mean 0%	SD 0%
Liver:								
Ito Cell Tumor Benign								
-		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/698 (0%)	Mean 0%	SD 0%
Liver: Mast Cell Tumor Malignant								
maet een ramer manghant		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	(-,0)		0/50 (0%)	0/49 (0%)	()
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%
Liver:								
Sarcoma		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (09/)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)			( )	0/50 (0%) 0/50 (0%)
		( )	( )	( )		( )	( )	( )
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/00 (0/0)		0/50 (0%)	0/49 (0%)	0/00 (0/6)
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/698 (0.14%)	Mean 0.14%	SD 0.53%
		· · /						

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Lung:								
Alveolar/Bronchiolar A	Adenoma							
		7/50 (14%)	8/50 (16%)	12/50 (24%)		3/49 (6%)	0/50 (0%)	5/50 (10%)
		4/50 (8%)	9/50 (18%)	5/50 (10%)		1/50 (2%)	2/50 (4%)	1/50 (2%)
		11/50 (22%)	5/50 (10%)	6/50 (12%)		2/50 (4%)	1/50 (2%)	5/50 (10%)
		12/50 (24%)	6/50 (12%)	1/50 (2%)		2/50 (4%)	5/50 (10%)	3/50 (6%)
		7/50 (14%)	13/50 (26%)			3/50 (6%)	3/50 (6%)	
Verall Incidence	Total	106/700 (15.14%)	Mean 15.14%	SD 6.96%	Total	36/699 (5.15%)	Mean 5.15%	SD 3.21%
Lung:								
Alveolar/Bronchiolar (	Carcinoma							
		11/50 (22%)	11/50 (22%)	2/50 (4%)		5/49 (10%)	1/50 (2%)	1/50 (2%)
		4/50 (8%)	2/50 (4%)	8/50 (16%)		2/50 (4%)	2/50 (4%)	4/50 (8%)
		2/50 (4%)	5/50 (10%)	9/50 (18%)		0/50 (0%)	0/50 (0%)	7/50 (14%)
		4/50 (8%)	4/50 (8%)	12/50 (24%)		2/50 (4%)	1/50 (2%)	2/50 (4%)
		9/50 (18%)	7/50 (14%)			1/50 (2%)	2/50 (4%)	
Verall Incidence	Total	90/700 (12.86%)	Mean 12.86%	SD 7.18%	Total	30/699 (4.29%)	Mean 4.3%	SD 3.93%
Lung:								
Alveolar/Bronchiolar (	Carcinoma or Al	veolar/Bronchiolar Adend						
Alveolar/Bronchiolar (	Carcinoma or Al	16/50 (32%)	17/50 (34%)	14/50 (28%)		8/49 (16%)	1/50 (2%)	6/50 (12%)
Alveolar/Bronchiolar (	Carcinoma or Al	16/50 (32%) 8/50 (16%)	17/50 (34%) 11/50 (22%)	13/50 (26%)		3/50 (6%)	4/50 (8%)	4/50 (8%)
Alveolar/Bronchiolar (	Carcinoma or Al	16/50 (32%) 8/50 (16%) 13/50 (26%)	17/50 (34%) 11/50 (22%) 10/50 (20%)	13/50 (26%) 14/50 (28%)		3/50 (6%) 2/50 (4%)	4/50 (8%) 1/50 (2%)	4/50 (8%) 11/50 (22%)
Alveolar/Bronchiolar (	Carcinoma or Al	16/50 (32%) 8/50 (16%) 13/50 (26%) 15/50 (30%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%)	13/50 (26%)		3/50 (6%) 2/50 (4%) 4/50 (8%)	4/50 (8%) 1/50 (2%) 6/50 (12%)	4/50 (8%)
		16/50 (32%)   8/50 (16%)   13/50 (26%)   15/50 (30%)   13/50 (26%)	17/50(34%)11/50(22%)10/50(20%)10/50(20%)19/50(38%)	13/50 (26%) 14/50 (28%) 13/50 (26%)		3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%)	4/50 (8%) 11/50 (22%) 5/50 (10%)
Overall Incidence	Total	16/50 (32%) 8/50 (16%) 13/50 (26%) 15/50 (30%) 13/50 (26%) 186/700 (26.57%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%) 19/50 (38%) Mean 26.57%	13/50 (26%) 14/50 (28%) 13/50 (26%) SD 5.89%	Total	3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%) 64/699 (9.16%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%) Mean 9.17%	4/50 (8%) 11/50 (22%) 5/50 (10%) SD 5.39%
Overall Incidence	Total	16/50 (32%)   8/50 (16%)   13/50 (26%)   15/50 (30%)   13/50 (26%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%) 19/50 (38%) Mean 26.57%	13/50 (26%) 14/50 (28%) 13/50 (26%) SD 5.89%		3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%) 64/699 (9.16%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%) Mean 9.17%	4/50 (8%) 11/50 (22%) 5/50 (10%) SD 5.39%
Overall Incidence	Total	16/50 (32%) 8/50 (16%) 13/50 (26%) 15/50 (30%) 13/50 (26%) 186/700 (26.57%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%) 19/50 (38%) Mean 26.57%	13/50 (26%) 14/50 (28%) 13/50 (26%) SD 5.89%		3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%) 64/699 (9.16%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%) Mean 9.17%	4/50 (8%) 11/50 (22%) 5/50 (10%) SD 5.39%
Overall Incidence Lung:	Total	16/50 (32%) 8/50 (16%) 13/50 (26%) 15/50 (30%) 13/50 (26%) 186/700 (26.57%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%) 19/50 (38%) Mean 26.57%	13/50 (26%) 14/50 (28%) 13/50 (26%) SD 5.89%		3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%) 64/699 (9.16%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%) Mean 9.17%	4/50 (8%) 11/50 (22%) 5/50 (10%) SD 5.39%
Overall Incidence Lung:	Total	16/50 (32%) 8/50 (16%) 13/50 (26%) 15/50 (30%) 13/50 (26%) 186/700 (26.57%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%) 19/50 (38%) Mean 26.57%	13/50 (26%) 14/50 (28%) 13/50 (26%) SD 5.89%		3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%) 64/699 (9.16%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%) Mean 9.17%	4/50 (8%) 11/50 (22%) 5/50 (10%) SD 5.39%
Overall Incidence Lung:	Total	16/50 (32%) 8/50 (16%) 13/50 (26%) 15/50 (30%) 13/50 (26%) 186/700 (26.57%) 0/50 (0%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%) 19/50 (38%) Mean 26.57% 1/50 (2%)	13/50 (26%) 14/50 (28%) 13/50 (26%) SD 5.89% 0/50 (0%)		3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%) 64/699 (9.16%) 0/49 (0%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%) Mean 9.17%	4/50 (8%) 11/50 (22%) 5/50 (10%) SD 5.39% 0/50 (0%)
Overall Incidence Lung:	Total	16/50 (32%) 8/50 (16%) 13/50 (26%) 15/50 (30%) 13/50 (26%) 186/700 (26.57%) 0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%) 19/50 (38%) Mean 26.57% 1/50 (2%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	13/50 (26%) 14/50 (28%) 13/50 (26%) SD 5.89% 0/50 (0%) 0/50 (0%)		3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%) 64/699 (9.16%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%) Mean 9.17% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	4/50 (8%) 11/50 (22%) 5/50 (10%) SD 5.39% 0/50 (0%) 0/50 (0%)
Overall Incidence Lung:	Total	16/50 (32%) 8/50 (16%) 13/50 (26%) 15/50 (30%) 13/50 (26%) 186/700 (26.57%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	17/50 (34%) 11/50 (22%) 10/50 (20%) 10/50 (20%) 19/50 (38%) Mean 26.57% 1/50 (2%) 0/50 (0%) 0/50 (0%)	13/50 (26%) 14/50 (28%) 13/50 (26%) SD 5.89% 		3/50 (6%) 2/50 (4%) 4/50 (8%) 4/50 (8%) 64/699 (9.16%) 0/49 (0%) 0/50 (0%) 0/50 (0%)	4/50 (8%) 1/50 (2%) 6/50 (12%) 5/50 (10%) Mean 9.17% 0/50 (0%) 0/50 (0%) 0/50 (0%)	4/50 (8%) 11/50 (22%) 5/50 (10%) SD 5.39% 0/50 (0%) 0/50 (0%) 0/50 (0%)

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	Female		
Lymph Node, Mandibular: Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
verall Incidence	Total	0/700 (0%	,	Mean		SD 0%		Total	1/700 (0.	.14%)	Mean	0.14%	SD 0.	53%
Lymph Node, Mediastinal: Mast Cell Tumor Malignant														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/700 (0%	,	Mean		SD 0%		Total	1/700 (0.	,		0.14%	SD 0.	
Lymph Node, Mesenteric: Hemangiosarcoma														
-		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	3/700 (0.43	,	Mean 0		SD 0.85%		Total	0/700 (			an 0%	SD	
Mammary Gland: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	2/50	(4%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				1/50	(2%)	1/50	(2%)		
Overall Incidence	Total	0/700 (0%	5)	Mean	0%	SD 0%		Total	8/700 (1.	14%)	Mean	1.14%	SD 1.	29%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
Mammary Gland:														
Carcinoma or Adenoma	a													
			(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	2/50	(4%)
			(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	0/50	(0%)
			(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)				1/50	(2%)	1/50	(2%)		
Overall Incidence	Total	0/700 (0%)		Mean (		SD 0%		Total	8/700 (1.	14%)	Mean	1.14%	SD 1.	.29%
Mammary Gland:														
Fibroma, Fibroadenom	a, Carcinoma. o	r Adenoma												
.,	,,.		(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	2/50	(4%)
			(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				1/50	(2%)	1/50	(2%)		
Overall Incidence	Total	0/700 (0%)		Mean (		SD 0%		Total	8/700 (1.	,		1.14%	SD 1.	
Mesentery:														
Hemangioma		0/50	(00()	0/50	(00()	0/50	(00()		0/50	(00()	0/50	(00()	0/50	(00()
			(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	0/50 0/50	(0%)		0/50 0/50	(0%)	0/50	(0%)	0/50	(0%) (0%)
			(0%)	0/50	(0%)	0/50	(0%)			(0%)	0/50	(0%) (0%)	0/50	(0%)
warall Insidence	Tatal		(0%)	0/50 Moon 0	(0%)		/	Tatal	0/50	(0%) (0%)	0/50	(0%)	00	00/
Overall Incidence	Total	1/700 (0.14%	,	Mean 0.		SD 0.53%		Total	0/700 (			ın 0%	SD	
Mesentery:														
Hemangiosarcoma														
-		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	1/50	(2%)		. ,
Overall Incidence	Total	0/700 (0%)		Mean (	7%	SD 0%		Total	1/700 (0.	14%)	Mean	0.14%	SD 0.	53%

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male		Female						
Mesentery:											
Lipoma		0/50 (00/)	0/50 (00/)	0/50 (00/)		0/50 (00/)	0/50 (00/)	0/50 (00()			
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	1/50 (2%)	0/30 (078)		0/50 (0%)	0/50 (0%)	0/50 (078)			
verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%			
Mesentery: Sarcoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)				
overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%			
Nose: Adenoma											
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/48 (2%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)				
verall Incidence	Total	0/699 (0%)	Mean 0%	SD 0%	Total	1/697 (0.14%)	Mean 0.15%	SD 0.56%			
Nose: Hemangiosarcoma											
riemanyiosarconid		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/48 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/48 (0 %)			
		0/49 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0,00 (0,0)		0/50 (0%)	0/50 (0%)	0,00 (0,0)			
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/697 (0%)	Mean 0%	SD 0%			

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

				Male	•					F	emale		
Oral Cavity (Oral Mucos Papilloma Squamous o		ynx, Tooth, Gingi	iva):					0/50 / /02/ )					
		0/50	(0%)	0/50 (0%	6) 0/	50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50 (0%	6) 0/	50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50 (0%	6) 0/	50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50 (0%	6) 0/	50 (0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50 (0%	6)			0/50	(0%)	0/50	(0%)		
Verall Incidence	Total	0/700 (0%)		Mean 0%	-	0%	Total	1/700 (0.14	ł%)	Mean	0.14%	SD 0.	.53%
Oral Cavity (Oral Mucos Squamous Cell Carcin													
•		0/50	(0%)	0/50 (0%	6) 0/	50 (0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50 (0%	6) 0/	50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50 (0%	6) 0/	50 (0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50 (0%	6) 0/	50 (0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50 (0%	6)			0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	0/700 (0%)		Mean 0%		0%	Total	2/700 (0.29	9%)	Mean	0.29%	SD 0.	
Overall Incidence Oral Cavity (Oral Mucos Squamous Cell Carcin	sa, Tongue, Phar	ynx, Tooth, Gingi	iva):					2/700 (0.29	9%)	Mean			
Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingi Squamous, or Pa	iva):					2/700 (0.29	9%)	Mean			
Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingi Squamous, or Pa 0/50	iva): pilloma		~····· 6) 0/	50 (0%)		2/700 (0.29 0/50	)%) ´	Mean			
Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50	iva): pilloma (0%)	0/50 (0%	6) 0/ 6) 0/	50 (0%) 50 (0%)		2/700 (0.29 0/50 0/50	9%) (0%)	Mean 1/50	(2%)	0/50	(0%)
Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50	<b>iva):</b> pilloma (0%) (0%)	0/50 (09 0/50 (09	6) 0/ 6) 0/ 6) 0/	50 (0%) 50 (0%) 50 (0%)		2/700 (0.29 0/50 0/50 0/50	(0%) (0%) (0%)	Mean 1/50 0/50	(2%) (0%)	0/50 0/50	(0%) (0%)
Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50 0/50	iva): pilloma (0%) (0%) (0%)	0/50 (0% 0/50 (0% 0/50 (0%	6) 0/ 6) 0/ 6) 0/ 6) 0/	50 (0%) 50 (0%) 50 (0%)		2/700 (0.29 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%)	Mean 1/50 0/50 0/50	(2%) (0%) (0%)	0/50 0/50 0/50	(0%) (0%) (0%)
Oral Cavity (Oral Mucos Squamous Cell Carcin Dverall Incidence	sa, Tongue, Phar noma, Papilloma S Total	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50 0/50 0/50 0/700 (0%)	iva): pilloma (0%) (0%) (0%) (0%) (0%)	0/50 (0% 0/50 (0% 0/50 (0% 0/50 (0% 0/50 (0% Mean 0%	6) 0/ 6) 0/ 6) 0/ 6) 0/ 6) SD	50 (0%) 50 (0%) 50 (0%) 50 (0%) 0%	Total	2/700 (0.29 0/50 0/50 0/50 0/50 0/50 3/700 (0.43	(0%) (0%) (0%) (0%) (0%) (0%) 3%)	Mean 1/50 0/50 0/50 2/50 0/50 Mean	(2%) (0%) (0%) (4%) (0%) 0.43%	0/50 0/50 0/50 0/50 SD 1.	(0%) (0%) (0%) (0%) .16%
Oral Cavity (Oral Mucos Squamous Cell Carcin	sa, Tongue, Phar noma, Papilloma S Total	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50 0/50 0/50 0/700 (0%)	iva): pilloma (0%) (0%) (0%) (0%) (0%)	0/50 (0% 0/50 (0% 0/50 (0% 0/50 (0% 0/50 (0% Mean 0%	6) 0/ 6) 0/ 6) 0/ 6) 0/ 6) SD	50 (0%) 50 (0%) 50 (0%) 50 (0%) 0%	Total	2/700 (0.29 0/50 0/50 0/50 0/50 0/50 3/700 (0.43	(0%) (0%) (0%) (0%) (0%) (0%) 3%)	Mean 1/50 0/50 0/50 2/50 0/50 Mean	(2%) (0%) (0%) (4%) (0%) 0.43%	0/50 0/50 0/50 0/50 SD 1.	(0%) (0%) (0%) (0%) .16%
Oral Cavity (Oral Mucos Squamous Cell Carcin Overall Incidence	sa, Tongue, Phar noma, Papilloma S Total	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50 0/50 0/50 0/700 (0%)	iva): pilloma (0%) (0%) (0%) (0%) (0%)	0/50 (0% 0/50 (0% 0/50 (0% 0/50 (0% 0/50 (0% Mean 0%	6) 0/ 6) 0/ 6) 0/ 6) 0/ 6) SD	50 (0%) 50 (0%) 50 (0%) 50 (0%) 0%	Total	2/700 (0.29 0/50 0/50 0/50 0/50 0/50 3/700 (0.43	(0%) (0%) (0%) (0%) (0%) (0%) 3%)	Mean 1/50 0/50 0/50 2/50 0/50 Mean	(2%) (0%) (0%) (4%) (0%) 0.43%	0/50 0/50 0/50 0/50 SD 1.	(0%) (0%) (0%) (0%) .16%
Oral Cavity (Oral Mucos Squamous Cell Carcin Overall Incidence	sa, Tongue, Phar noma, Papilloma S Total	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50 0/50 0/700 (0%) 0/50	iva): pilloma (0%) (0%) (0%) (0%) (0%)	0/50 (09 0/50 (09 0/50 (09 0/50 (09 0/50 (09 Mean 0%	6) 0/ 6) 0/ 6) 0/ 6) 0/ 6) SD	50 (0%) 50 (0%) 50 (0%) 50 (0%) 0% 50 (0%)	Total	2/700 (0.29 0/50 0/50 0/50 0/50 3/700 (0.43 0/50	(0%) (0%) (0%) (0%) (0%) (0%) 3%)	Mean 1/50 0/50 0/50 2/50 0/50 Mean	(2%) (0%) (0%) (4%) (0%) 0.43%	0/50 0/50 0/50 0/50 SD 1	(0%) (0%) (0%) (0%) 16%
Oral Cavity (Oral Mucos Squamous Cell Carcin Overall Incidence	sa, Tongue, Phar noma, Papilloma S Total	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50 0/50 0/700 (0%) 0/50 0/50	iva): pilloma (0%) (0%) (0%) (0%) (0%)	0/50 (09 0/50 (09 0/50 (09 0/50 (09 0/50 (09 Mean 0%	6) 0/ 6) 0/ 6) 0/ 6) 0/ 6) SD 6) 0/ 6) 0/	50 (0%) 50 (0%) 50 (0%) 50 (0%) 0% 50 (0%) 50 (0%)	Total	2/700 (0.29 0/50 0/50 0/50 0/50 3/700 (0.43 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 3%) (0%)	Mean 1/50 0/50 0/50 2/50 0/50 Mean 1/50	(2%) (0%) (0%) (4%) (0%) 0.43% (2%)	0/50 0/50 0/50 0/50 SD 1	(0%) (0%) (0%) (0%) .16% (0%)
Oral Cavity (Oral Mucos Squamous Cell Carcin Overall Incidence	sa, Tongue, Phar noma, Papilloma S Total	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50 0/50 0/700 (0%) 0/50 0/50 0/50 0/50	iva): pilloma (0%) (0%) (0%) (0%) (0%) (0%) (0%)	0/50 (09 0/50 (09 0/50 (09 0/50 (09 0/50 (09 Mean 0% 0/50 (09 0/50 (09	6) 0/ 6) 0/ 6) 0/ 6) 5D 6) 5D 6) 0/ 6) 0/ 6) 0/	50 (0%) 50 (0%) 50 (0%) 50 (0%) 0% 50 (0%) 50 (0%) 50 (0%)	Total	2/700 (0.29 0/50 0/50 0/50 0/50 3/700 (0.43 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 3%) (0%) (0%)	Mean 1/50 0/50 2/50 0/50 Mean 1/50 0/50	(2%) (0%) (0%) (4%) (0%) 0.43% (2%) (0%)	0/50 0/50 0/50 0/50 SD 1 0/50 0/50	(0%) (0%) (0%) (0%) .16% (0%) (0%)
Oral Cavity (Oral Mucos Squamous Cell Carcin Overall Incidence	sa, Tongue, Phar noma, Papilloma S Total	ynx, Tooth, Gingi Squamous, or Pa 0/50 0/50 0/50 0/50 0/700 (0%) 0/50 0/50 0/50 0/50 0/50	iva): pilloma (0%) (0%) (0%) (0%) (0%) (0%) (0%) (0%)	0/50 (09 0/50 (09 0/50 (09 0/50 (09 0/50 (09 Mean 0% 0/50 (09 0/50 (09 0/50 (09	6) 0/ 6) 0/ 6) 0/ 6) SD 6) 0/ 6) 0/ 6) 0/ 6) 0/ 6) 0/	50 (0%) 50 (0%) 50 (0%) 50 (0%) 0% 50 (0%) 50 (0%) 50 (0%)	Total	2/700 (0.29 0/50 0/50 0/50 0/50 3/700 (0.43 0/50 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) (0%) (0%) (0%)	Mean 1/50 0/50 2/50 0/50 Mean 1/50 0/50 0/50	(2%) (0%) (0%) (4%) (0%) 0.43% (2%) (0%) (0%)	0/50 0/50 0/50 0/50 SD 1 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) .16% (0%) (0%) (0%)

\*: Denominator is number of animals with tissues examined microscopically

Version: Nov2014
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

# Page: 29 Report Date: 11/11/2014

Male			Female	
Ovary:				
Choriocarcinoma				
		0/48 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/48 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/691 (0.14%)	Mean 0.14%	SD 0.53%
Ovary:				
Cystadenocarcinoma				
		0/48 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/48 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	1/47 (2%)
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/691 (0.29%)	Mean 0.29%	SD 0.75%
ovary: Cystadenoma				
		1/48 (2%)	2/50 (4%)	3/50 (6%)
		1/50 (2%)	5/49 (10%)	2/50 (4%)
		1/50 (2%)	2/48 (4%)	3/49 (6%)
		2/50 (4%)	2/50 (4%)	1/47 (2%)
		1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	27/691 (3.91%)	Mean 3.91%	SD 2.32%
Övary: Granulosa Cell Tumor Benign				
<b>v</b>		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)	1/50 (2%)
		0/50 (0%)	1/48 (2%)	0/49 (0%)
		1/50 (2%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)	0/50 (0%)	(-,0)

/ersion: Nov2014 Contract/Lab: All Laboratories	Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups		Page: 30 Report Dat	t <b>e:</b> 11/11/2014
pecies: MICE	Route: ALL ROUTES			
Strain: B6C3F1	Vehicle: ALL VEHICLES			
ength of Study: CHRONIC				
	Male		Female	
Dvary: Granulosa Cell Tumor: Benign, Malignant, NOS				
Grandiosa Gen Tumor. Denign, manghant, NGO		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)	1/50 (2%)
		0/50 (0%)	1/48 (2%)	0/49 (0%)
		1/50 (2%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)	0/50 (0%)	
verall Incidence	Total	3/691 (0.43%)	Mean 0.43%	SD 0.86%
Ovary: Hemangioma				
-		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/48 (0%)	0/49 (0%)
		1/50 (2%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)	0/50 (0%)	
verall Incidence	Total	1/691 (0.14%)	Mean 0.14%	SD 0.53%
Dvary: Hemangiosarcoma				
nomanglocaloonia		0/48 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/48 (0%)	0/49 (0%)
		1/50 (2%)	0/50 (0%)	0/47 (0%)
		0/50 (0%)	0/50 (0%)	
verall Incidence	Total	2/691 (0.29%)	Mean 0.29%	SD 0.73%
Dvary: Luteoma				
		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/49 (2%)	1/50 (2%)
		0/50 (0%)	0/48 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)	0/47 (0%)
	<b>—</b>	1/50 (2%)	0/50 (0%)	00.0000
Overall Incidence	Total	3/691 (0.43%)	Mean 0.43%	SD 0.86%

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

Page: 31 Report Date: 11/11/2014

			Male					F	emale		
Ovary:											·
Sarcoma							0/48 (0%)	0/50	(0%)	1/50	(2%)
							0/48 (0%)	0/30	(0%)	0/50	(2%)
							0/50 (0%)	0/48	(0%)	0/30	(0%)
							0/50 (0%)	0/50	(0%)	0/40	(0%)
							0/50 (0%)	0/50	(0%)	0/11	(070)
Overall Incidence						Total	1/691 (0.14%)	Mean	0.14%	SD 0.	
'Ovary:											
Tubulostromal Adenoma							0/48 (0%)	0/50	(0%)	0/50	(0%)
							1/50 (2%)	0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
							1/50 (2%)	0/49	(0%)	0/30	(0%)
							0/50 (0%)	0/40	(0%)	0/43	(0%)
							0/50 (0%)	0/50	(0%)	0, 11	(0,0)
Overall Incidence						Total	2/691 (0.29%)	Mean	0.29%	SD 0.	
*Ovary: Yolk Sac Carcinoma											
TOIR Sac Carcinolia							1/48 (2%)	0/50	(0%)	0/50	(0%)
							0/50 (0%)	0/49	(0%)	0/50	(0%)
							0/50 (0%)	0/48	(0%)	0/49	(0%)
							0/50 (0%)	0/50	(0%)	0/47	(0%)
							0/50 (0%)	0/50	(0%)		
Overall Incidence						Total	1/691 (0.14%)	Mean	0.15%	SD 0.	.56%
Pancreas: Carcinoma											
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/49	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50 (0%)	0/50	(0%)	0/48	(0%)
		0/50 (0%)	0/50 (0%)	1/50	(2%)		0/50 (0%)	0/50	(0%)	0/49	(0%)
		0/50 (0%)	0/50 (0%)		()		1/50 (2%)	0/49	(0%)		()
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	4	Total	1/695 (0.14%)		0.14%	SD 0.	53%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Pancreas:								
Carcinoma or Adenom	na							
		0/50 (0%		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%		0/49 (0%)		0/50 (0%)	0/50 (0%)	0/48 (0%)
		0/50 (0%		1/50 (2%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%	) 0/50 (0%)			1/50 (2%)	0/49 (0%)	
Overall Incidence	Total	1/699 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/695 (0.14%)	Mean 0.14%	SD 0.53%
Pituitary Gland: Pars Di								
Adenoma								
		0/47 (0%	) 0/49 (0%)	1/49 (2%)		3/47 (6%)	4/50 (8%)	0/50 (0%)
		0/50 (0%		0/50 (0%)		3/49 (6%)	2/50 (4%)	5/50 (10%)
		0/50 (0%	0/47 (0%)	0/47 (0%)		0/48 (0%)	5/50 (10%)	4/50 (8%)
		0/50 (0%		0/50 (0%)		4/50 (8%)	1/50 (2%)	7/49 (14%)
		0/49 (0%	0/50 (0%)			8/50 (16%)	2/49 (4%)	· · · ·
Overall Incidence	Total	1/687 (0.15%)	Mean 0.15%	SD 0.55%	Total	48/692 (6.94%)	Mean 6.92%	SD 4.78%
Pituitary Gland: Pars Di						••••••		
Carcinoma or Adenom	•							
		0/47 (0%	) 0/49 (0%)	1/49 (2%)		3/47 (6%)	4/50 (8%)	0/50 (0%)
		0/50 (0%	) 0/49 (0%)	0/50 (0%)		3/49 (6%)	2/50 (4%)	5/50 (10%)
		0/50 (0%	) 0/47 (0%)	0/47 (0%)		0/48 (0%)	5/50 (10%)	4/50 (8%)
		0/50 (0%	) 0/50 (0%)	0/50 (0%)		4/50 (8%)	1/50 (2%)	7/49 (14%)
		0/49 (0%		· · /		8/50 (16%)	2/49 (4%)	· · ·
Overall Incidence	Total	1/687 (0.15%)	Mean 0.15%	SD 0.55%	Total	48/692 (6.94%)	Mean 6.92%	SD 4.78%
	termedia:							
	termedia:							
Pituitary Gland: Pars Int	termedia:	0/47 (0%	) 0/49 (0%)	0/49 (0%)		0/47 (0%)	1/50 (2%)	0/50 (0%)
Pituitary Gland: Pars In Adenoma	termedia:	0/47 (0% 0/50 (0%		0/49 (0%) 0/50 (0%)		0/47 (0%) 1/49 (2%)	1/50 (2%) 1/50 (2%)	0/50 (0%) 0/50 (0%)
Pituitary Gland: Pars Int	termedia:		1/49 (2%)			()		( )
Pituitary Gland: Pars Int	termedia:	0/50 (0%	) 1/49 (2%) ) 0/47 (0%)	0/50 (0%)		1/49 (2%)	1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%)
Pituitary Gland: Pars Int	termedia:	0/50 (0% 0/50 (0%	1/49 (2%)   0/47 (0%)   0/50 (0%)	0/50 (0%) 0/47 (0%)		1/49 (2%) 0/48 (0%)	1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Pituitary Gland: Pars Interm Carcinoma or Adenoma	nedia:							
		0/47 (0%)	0/49 (0%)	0/49 (0%)		0/47 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	1/49 (2%)	0/50 (0%)		1/49 (2%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/47 (0%)	0/47 (0%)		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		1/49 (2%)	0/50 (0%)			0/50 (0%)	0/49 (0%)	
verall Incidence	Total	2/687 (0.29%)	Mean 0.29%	SD 0.74%	Total	3/692 (0.43%)	Mean 0.43%	SD 0.86%
Salivary Glands: Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/48 (0%)	
Verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/697 (0.14%)	Mean 0.14%	SD 0.53%
Salivary Glands: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/48 (0%)	
Verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/697 (0.14%)	Mean 0.14%	SD 0.53%
Salivary Glands: Hemangiosarcoma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/48 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/697 (0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male				Female						
Salivary Glands: Myxoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				1/50	(2%)	0/48	(0%)			
verall Incidence	Total	0/700 (0%	5)	Mean	0%	SD 0%		Total	1/697 (0.	14%)	Mean	0.14%	SD 0.	.53%	
Skeletal Muscle: Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)				0/50	(0%)	1/50	(2%)			
Overall Incidence	Total	2/700 (0.29	,	Mean 0		SD 0.73%		Total	3/700 (0.	,		0.43%	SD 0.		
Skeletal Muscle: Rhabdomyosarcoma															
-		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	2/50	(4%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	3/50	(6%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	1/700 (0.14	,	Mean 0		SD 0.53%		Total	6/700 (0.	,		0.86%	SD 1.		
Skeletal Muscle: Rhabdomyosarcoma or F															
-	-	0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	2/50	(4%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	3/50	(6%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)		. ,		0/50	(0%)	0/50	(0%)		· · /	
Overall Incidence	Total	1/700 (0.14	0/.)	Mean 0	1/10/	SD 0.53%	4	Total	6/700 (0.	86%)	Moon	0.86%	SD 1.	88%	

\*: Denominator is number of animals with tissues examined microscopically

#### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#Skeletal Muscle:								
Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)	
verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	3/700 (0.43%)	Mean 0.43%	SD 1.16%
Skin:								
Basal Cell Carcinoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
skin:								•••••
Basal Cell Carcinoma o	r Basosquamou	s Tumor (malignant or M	105)					
	Duoooquumou	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
								••••••
Skin: Basal Cell Carcinoma, E	Basal Coll Adom	ma Basasquamous Tu	mor (bonian malianan	tor				
NOS), or Trichoepithelio	oma	nia, basosquamous ru	mor (benign, manghan					
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
#Skin:														
Basal or Sq. Cell Carci Adenoma, Papilloma, S	noma, Carcinom	a, Basosq. Tun	nor (M or I	B), Basal Ce	II Adenon	na,								
raonona, rapinona, e	rq i apinoma, no	0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		1/50	(2%)	0/50	(0%)		· · ·		0/50	(0%)	0/50	(0%)		· · /
Overall Incidence	Total	3/700 (0.43		Mean 0		SD 0.85%		Total	5/700 (0			0.71%	SD 0.	
#Skin:														
Fibroma, Fibrosarcoma	a, Sarcoma, Myx	oma, Myxosaro	oma, or F	ibrous Histi	ocytoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)		2/50	(4%)	3/50	(6%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		2/50	(4%)	1/50	(2%)	2/50	(4%)
		1/50	(2%)	1/50	(2%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	4/50	(8%)
		1/50	(2%)	1/50	(2%)		. ,		2/50	(4%)	4/50	(8%)		. ,
Overall Incidence	Total	6/700 (0.86	,	Mean 0		SD 1.039		Total	23/700 (3	,		3.29%	SD 2.	
#Skin:														
Fibrosarcoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		2/50	(4%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	3/50	(6%)
		0/50	(0%)	0/50	(0%)				1/50	(2%)	0/50	(0%)		
Overall Incidence	Total	1/700 (0.14	,	Mean 0		SD 0.53%		Total	9/700 (1	,		1.29%	SD 1.	
#Skin:								•••••						
Fibrosarcoma, Sarcom	a, Myxosarcoma	a, or Fibrous Hi	stiocytom	a										
,		0/50	(0%)	0/50	(0%)	0/50	(0%)		2/50	(4%)	3/50	(6%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		2/50	(4%)	1/50	(2%)	2/50	(4%)
		1/50	(2%)	1/50	(2%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	4/50	(8%)
		1/50	(2%)	1/50	(2%)		. /		2/50	(4%)	4/50	(8%)		· · /
Overall Incidence	Total	6/700 (0.86	( )	Mean 0	· · ·	SD 1.039	/	Total	23/700 (3	· · /		3.29%	SD 2.	67%

\*: Denominator is number of animals with tissues examined microscopically

### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
Skin:														
Fibrous Histiocytoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)				0/50	(0%)	3/50	(6%)		
verall Incidence	Total	4/700 (0.57	,	Mean 0		SD 0.94%		Total	3/700 (0.	43%)	Mean	0.43%	SD 1	.6%
Skin:														
Granular Cell Tumor Ber	nign													
	-	0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/700 (0.14		Mean 0		SD 0.53%		Total	0/700 (	,		ın 0%	SD	
Skin:														
Hemangioma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/700 (0.14	,	Mean 0		SD 0.53%		Total	1/700 (0.	,		0.14%	SD 0.	
Skin:														
Hemangiosarcoma														
-		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	2/50	(4%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	2/50	(4%)
		1/50	(2%)	0/50	(0%)	2/50	(4%)		1/50	(2%)	1/50	(2%)	2/50	(4%)
		0/50	(0%)	1/50	(2%)				0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	6/700 (0.86	S%)	Mean 0	86%	SD 1.29%	6	Total	9/700 (1.	29%)	Mean	1.29%	SD 1.	68%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Skin:								
Keratoacanthoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
≭Skin: Lipoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	2/50 (4%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	4/700 (0.57%)	Mean 0.57%	SD 1.22%	Total	0/700 (0%)	Mean 0%	SD 0%
#Skin: Liposarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
∕Skin: Mast Cell Tumor Benign								
5		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Skin:								
Mast Cell Tumor Malignant								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	<b>-</b>	0/50 (0%)	0/50 (0%)	00 0 500/	<b>-</b>	0/50 (0%)	0/50 (0%)	00.00/
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
tSkin:								
Melanoma Benign								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
#Skin:								
Melanoma Malignant								
_		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
#Skin:								
Neural Crest Tumor								
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
#Skin:								
Neurofibroma or Schw	annoma benign							
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
#Skin:								
Neurofibrosarcoma or	Schwannoma (m	nalignant or NOS)						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	3/50 (6%)	
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	4/700 (0.57%)	Mean 0.57%	SD 1.65%
#Skin:								
Neurofibrosarcoma, N	ourofibroma or 9	Schwannoma (bonian	malignant or NOS)					
			• /	0/50 (00/)		0/50 (00/)	0/50 (00/)	0/50 (00/)
,	euronbronna, or c	0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
,		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
,	euronbroma, or c	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
, .		0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%)
		0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	Tatal	0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/700 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 0%	Total	0/50 (0%) 0/50 (0%) 1/50 (2%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%) Mean 0.71%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 1.68%
Overall Incidence	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/700 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 0%		0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 5/700 (0.71%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%) Mean 0.71%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 1.68%
Overall Incidence	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/700 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 0%		0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 5/700 (0.71%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%) Mean 0.71%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 1.68%
Overall Incidence #Skin:	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/700 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 0% 0/50 (0%)		0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 5/700 (0.71%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%) Mean 0.71%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 1.68% 0/50 (0%)
Overall Incidence #Skin:	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/700 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 0%		0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 5/700 (0.71%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%) Mean 0.71%	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 1.68% 0/50 (0%) 0/50 (0%)
Overall Incidence #Skin:	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/700 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% 0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 5/700 (0.71%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%) Mean 0.71% 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 1.68% 0/50 (0%) 0/50 (0%) 0/50 (0%)
Overall Incidence #Skin:	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/700 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% 0/50 (0%) 1/50 (2%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 0% 0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 5/700 (0.71%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%) Mean 0.71% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 1.68% 0/50 (0%) 0/50 (0%)
Overall Incidence #Skin:	Total	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/700 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Mean 0% 0/50 (0%) 1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 0% 0/50 (0%) 0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 1/50 (2%) 0/50 (0%) 5/700 (0.71%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 1/50 (2%) 3/50 (6%) Mean 0.71% 0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%) SD 1.68% 0/50 (0%) 0/50 (0%) 0/50 (0%)

\*: Denominator is number of animals with tissues examined microscopically

### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
tSkin:								
Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		2/50 (4%)	3/50 (6%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	2/50 (4%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)			1/50 (2%)	1/50 (2%)	
verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	11/700 (1.57%)	Mean 1.57%	SD 1.95%
Skin:								
Schwannoma Benign								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Skin:								
Schwannoma Malignant								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	· · · ·		0/50 (0%)	3/50 (6%)	
verall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	4/700 (0.57%)	Mean 0.57%	SD 1.65%
\$kin:						••••••		
Squamous Cell Carcinon or Carcinoma	na, Basal Cell	Carcinoma, Basosquamo	ous Tumor (malignant	or NOS),				
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	·····		0/50 (0%)	0/50 (0%)	()
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
#Skin:							·		·					
Squamous Cell Papillo	oma													
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
Overall Incidence	Total	1/700 (0.14	,	Mean 0.		SD 0.539		Total	2/700 (0.	,		0.29%	SD 0.	.73%
/Skin:														
Squamous Cell Papillo	oma or Papilloma	l i i i i i i i i i i i i i i i i i i i												
•	-	0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
	Total	1/700 (0.14	,	Mean 0.		SD 0.539		Total	2/700 (0.	,	Mean		SD 0.	
			,						•	,				
#Skin:		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						•	,				
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						•	,				
#Skin:		Squamous Cell	Carcinom	a or Keratoa	acanthom	a			·····``	·····				
Overall Incidence #Skin: Squamous Cell Papillo		Squamous Cell 0/50	Carcinom (0%)	<b>a or Keratoa</b> 0/50	acanthom (0%)	<b>a</b> 0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
#Skin:		Squamous Cell 0/50 0/50	Carcinom (0%) (0%)	<b>a or Keratoa</b> 0/50 0/50	acanthom (0%) (0%)	<b>a</b> 0/50 0/50	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 1/50	(0%) (2%)
#Skin:		Squamous Cell 0/50 0/50 0/50	Carcinom (0%) (0%) (0%)	<b>a or Keratoa</b> 0/50 0/50 0/50	acanthom (0%) (0%) (0%)	<b>a</b> 0/50 0/50 0/50	(0%) (0%) (0%)		0/50 0/50 1/50	(0%) (0%) (2%)	0/50 0/50 0/50	(0%) (0%) (0%)	0/50 1/50 0/50	(0%) (2%) (0%)
#Skin: Squamous Cell Papillo Overall Incidence	oma, Papilloma, S Total	Squamous Cell 0/50 0/50 0/50 0/50 1/50 3/700 (0.43	Carcinom (0%) (0%) (0%) (0%) (2%) 9%)	a or Keratoa 0/50 0/50 0/50 1/50 0/50 Mean 0.	acanthom (0%) (0%) (0%) (2%) (0%) 43%	a 0/50 0/50 0/50 1/50 SD 0.859	(0%) (0%) (0%) (2%) %	Total	0/50 0/50 1/50 0/50 0/50 3/700 (0.	(0%) (0%) (2%) (0%) (0%) 43%)	0/50 0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) (0%) 0.43%	0/50 1/50 0/50 1/50 SD 0.	(0%) (2%) (0%) (2%) .85%
¥Skin: Squamous Cell Papilk Overall Incidence	oma, Papilloma, S Total	Squamous Cell 0/50 0/50 0/50 0/50 1/50 3/700 (0.43	Carcinom (0%) (0%) (0%) (0%) (2%) 9%)	a or Keratoa 0/50 0/50 0/50 1/50 0/50 Mean 0.	acanthom (0%) (0%) (0%) (2%) (0%) 43%	a 0/50 0/50 0/50 1/50 SD 0.859	(0%) (0%) (0%) (2%) %	Total	0/50 0/50 1/50 0/50 0/50 3/700 (0.	(0%) (0%) (2%) (0%) (0%) 43%)	0/50 0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) (0%) 0.43%	0/50 1/50 0/50 1/50 SD 0.	(0%) (2%) (0%) (2%) .85%
#Skin: Squamous Cell Papilk Overall Incidence #Skin:	oma, Papilloma, S Total	Squamous Cell 0/50 0/50 0/50 0/50 1/50 3/700 (0.43	Carcinom (0%) (0%) (0%) (0%) (2%) 1%)	a or Keratoa 0/50 0/50 0/50 1/50 0/50 Mean 0.	acanthom (0%) (0%) (0%) (2%) (0%) 43%	a 0/50 0/50 0/50 1/50 SD 0.859	(0%) (0%) (0%) (2%) %	Total	0/50 0/50 1/50 0/50 0/50 3/700 (0.	(0%) (0%) (2%) (0%) (0%) 43%)	0/50 0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) (0%) 0.43%	0/50 1/50 0/50 1/50 SD 0.	(0%) (2%) (0%) (2%) .85%
¥Skin: Squamous Cell Papilk Overall Incidence	oma, Papilloma, S Total	Squamous Cell 0/50 0/50 0/50 0/50 1/50 3/700 (0.43	Carcinom (0%) (0%) (0%) (0%) (2%) (2%)	a or Keratoa 0/50 0/50 0/50 1/50 0/50 Mean 0.	acanthom (0%) (0%) (0%) (2%) (0%) .43%	a 0/50 0/50 0/50 1/50 SD 0.859	(0%) (0%) (0%) (2%) %	Total	0/50 0/50 1/50 0/50 0/50 3/700 (0.	(0%) (0%) (2%) (0%) (0%) 43%)	0/50 0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) (0%) 0.43%	0/50 1/50 0/50 1/50 SD 0.	(0%) (2%) (0%) (2%) .85%
#Skin: Squamous Cell Papilk Overall Incidence #Skin:	oma, Papilloma, S Total	Squamous Cell 0/50 0/50 0/50 0/50 1/50 3/700 (0.43	Carcinom (0%) (0%) (0%) (0%) (2%) 1%)	a or Keratoa 0/50 0/50 0/50 1/50 0/50 Mean 0.	acanthom (0%) (0%) (0%) (2%) (0%) 43%	a 0/50 0/50 0/50 1/50 SD 0.859	(0%) (0%) (0%) (2%) %	Total	0/50 0/50 1/50 0/50 0/50 3/700 (0.	(0%) (0%) (2%) (0%) (0%) 43%)	0/50 0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) (0%) 0.43%	0/50 1/50 0/50 1/50 SD 0.	(0%) (2%) (0%) (2%) .85%
¥Skin: Squamous Cell Papilk Dverall Incidence ¥Skin:	oma, Papilloma, S Total	Squamous Cell 0/50 0/50 0/50 0/50 1/50 3/700 (0.43 or Keratoacanth 0/50	Carcinom (0%) (0%) (0%) (0%) (2%) 9%)	a or Keratoa 0/50 0/50 0/50 1/50 0/50 Mean 0.	acanthom (0%) (0%) (0%) (2%) (0%) .43%	a 0/50 0/50 1/50 SD 0.859 0/50	(0%) (0%) (0%) (2%) % (0%)	Total	0/50 0/50 1/50 0/50 3/700 (0. 0/50	(0%) (0%) (2%) (0%) (0%) 43%)	0/50 0/50 0/50 0/50 0/50 Mean 0/50	(0%) (0%) (0%) (0%) (0%) 0.43%	0/50 1/50 0/50 1/50 SD 0. 0/50	(0%) (2%) (0%) (2%) .85% (0%) (2%)
#Skin: Squamous Cell Papilk Overall Incidence #Skin:	oma, Papilloma, S Total	Squamous Cell 0/50 0/50 0/50 1/50 3/700 (0.43 or Keratoacanth 0/50 0/50	Carcinom (0%) (0%) (0%) (0%) (2%) (2%) (0%) (0%) (0%) (0%)	a or Keratoa 0/50 0/50 1/50 0/50 Mean 0 0/50 0/50 0/50 0/50	acanthom (0%) (0%) (2%) (0%) .43% (0%) (0%) (0%)	a 0/50 0/50 1/50 SD 0.859 0/50 0/50	(0%) (0%) (0%) (2%) % (0%) (0%) (0%)	Total	0/50 0/50 1/50 0/50 0/50 3/700 (0. 0/50 0/50	(0%) (0%) (2%) (0%) (0%) 43%) (0%) (0%) (0%) (2%)	0/50 0/50 0/50 0/50 0/50 Mean 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 0.43% (0%) (0%) (0%)	0/50 1/50 0/50 1/50 SD 0. 0/50 1/50	(0%) (2%) (0%) (2%) .85% (0%) (2%) (0%)
#Skin: Squamous Cell Papilk Overall Incidence #Skin:	oma, Papilloma, S Total	Squamous Cell 0/50 0/50 0/50 1/50 3/700 (0.43 or Keratoacanth 0/50 0/50 0/50 0/50	Carcinom (0%) (0%) (0%) (0%) (2%) %%)	a or Keratoa 0/50 0/50 1/50 0/50 Mean 0. 0/50 0/50	acanthom (0%) (0%) (2%) (0%) .43% (0%) (0%)	a 0/50 0/50 1/50 SD 0.859 0/50 0/50 0/50	(0%) (0%) (0%) (2%) % (0%) (0%)	Total	0/50 0/50 1/50 0/50 3/700 (0. 0/50 0/50 1/50	(0%) (0%) (2%) (0%) (0%) 43%)	0/50 0/50 0/50 0/50 0/50 Mean 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 0.43% (0%) (0%)	0/50 1/50 0/50 1/50 SD 0. 0/50 1/50 0/50	(0%) (2%) (0%) (2%) .85% (0%) (2%)

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
≭Spinal Cord: Hemangiosarcoma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Spleen: Hemangiosarcoma								
-		3/50 (6%)	0/50 (0%)	2/50 (4%)		2/49 (4%)	1/50 (2%)	0/50 (0%)
		1/50 (2%)	2/50 (4%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	1/50 (2%)
		3/48 (6%)	1/50 (2%)	1/46 (2%)		0/49 (0%)	0/50 (0%)	1/46 (2%)
		1/50 (2%)	1/50 (2%)	4/49 (8%)		1/50 (2%)	1/50 (2%)	0/49 (0%)
		2/50 (4%)	2/50 (4%)			3/50 (6%)	0/49 (0%)	
Overall Incidence	Total	23/693 (3.32%)	Mean 3.33%	SD 2.34%	Total	10/691 (1.45%)	Mean 1.45%	SD 1.84%
Spleen: Mast Cell Tumor Malignant								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/49 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/49 (2%)	0/50 (0%)
		0/48 (0%)	0/50 (0%)	0/46 (0%)		0/49 (0%)	0/50 (0%)	0/46 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/49 (0%)	
Overall Incidence	Total	0/693 (0%)	Mean 0%	SD 0%	Total	2/691 (0.29%)	Mean 0.29%	SD 0.74%
Stomach, Forestomach: Squamous Cell Carcinoma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	. ,		0/50 (0%)	0/50 (0%)	. ,
Overall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%

\*: Denominator is number of animals with tissues examined microscopically

### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
Stomach, Forestomach:														<u>.</u>
Squamous Cell Carcinoma	a or Papillom	a Squamous												
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	2/50	(4%)	2/50	(4%)
		2/50	(4%)	9/50	(18%)	0/50	(0%)		1/50	(2%)	3/50	(6%)	0/50	(0%)
		1/50	(2%)	2/50	(4%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	5/50	(10%)	3/50	(6%)		1/50	(2%)	0/50	(0%)	2/50	(4%)
		1/50	(2%)	0/50	(0%)				0/50	(0%)	1/50	(2%)		
Verall Incidence	Total	24/700 (3.4		Mean 3		SD 5.11%		Total	14/700	. ,		an 2%	SD 1.	
Stomach, Forestomach:														
Squamous Cell Papilloma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	2/50	(4%)	1/50	(2%)
		1/50	(2%)	8/50	(16%)	0/50	(0%)		1/50	(2%)	3/50	(6%)	0/50	(0%)
		1/50	(2%)	2/50	(4%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	5/50	(10%)	3/50	(6%)		1/50	(2%)	0/50	(0%)	2/50	(4%)
		1/50	(2%)	0/50	(0%)				0/50	(0%)	1/50	(2%)		
Overall Incidence	Total	22/700 (3.1		Mean 3		SD 4.69%		Total	13/700 (1	,		1.86%	SD 1.	
Stomach, Glandular: Adenoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)		
verall Incidence	Total	0/700 (0%	,	Mean		SD 0%		Total	1/700 (0.	,		0.14%	SD 0.	
Stomach, Glandular: Carcinoma														
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)				1/50	(2%)	0/50	(0%)		
Overall Incidence	Total	1/700 (0.14	<b>!%</b> )	Mean 0	.14%	SD 0.53%	6	Total	1/700 (0.	.14%)	Mean	0.14%	SD 0.	.53%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Stomach, Glandular: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
	<b>T</b>	0/50 (0%)	0/50 (0%)	00 0 500/	<b>T</b> ( )	1/50 (2%)	0/50 (0%)	00 0 700/
verall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%
Testes: Adenoma								
		1/50 (2%)	1/50 (2%)	1/50 (2%)				
		0/50 (0%)	1/50 (2%)	0/50 (0%)				
		0/50 (0%)	2/50 (4%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	1/50 (2%)				
		1/50 (2%)	1/50 (2%)					
overall Incidence	Total	9/700 (1.29%)	Mean 1.29%	SD 1.27%				
Testes: Hemangioma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		1/50 (2%)	0/50 (0%)					
overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%				
Thymus: Neoplasm NOS								
		0/42 (0%)	0/50 (0%)	0/44 (0%)		1/46 (2%)	0/50 (0%)	0/47 (0%)
		0/49 (0%)	0/48 (0%)	0/41 (0%)		0/49 (0%)	0/50 (0%)	0/44 (0%)
		0/48 (0%)	0/40 (0%)	0/41 (0%)		0/50 (0%)	0/48 (0%)	0/45 (0%)
		0/48 (0%)	0/47 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/47 (0%)
		0/39 (0%)	0/45 (0%)			0/47 (0%)	0/50 (0%)	· · /
Overall Incidence	Total	0/630 (0%)	Mean 0%	SD 0%	Total	1/673 (0.15%)	Mean 0.16%	SD 0.58%

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

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			Male				Female	
*Thymus:								
Thymoma Benign								
		0/42 (0%)	0/50 (0%)	0/44 (0%)		0/46 (0%)	0/50 (0%)	0/47 (0%)
		1/49 (2%)	0/48 (0%)	0/41 (0%)		0/49 (0%)	0/50 (0%)	0/44 (0%)
		0/48 (0%)	0/40 (0%)	0/41 (0%)		0/50 (0%)	0/48 (0%)	0/45 (0%)
		0/48 (0%)	0/47 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	0/47 (0%)
		0/39 (0%)	0/45 (0%)			0/47 (0%)	0/50 (0%)	
Overall Incidence	Total	1/630 (0.16%)	Mean 0.15%	SD 0.55%	Total	0/673 (0%)	Mean 0%	SD 0%
Thymus:								
Thymoma Malignant								
		0/42 (0%)	0/50 (0%)	0/44 (0%)		0/46 (0%)	0/50 (0%)	0/47 (0%)
		0/49 (0%)	0/48 (0%)	0/41 (0%)		0/49 (0%)	0/50 (0%)	0/44 (0%)
		0/48 (0%)	0/40 (0%)	0/41 (0%)		0/50 (0%)	0/48 (0%)	0/45 (0%)
		0/48 (0%)	0/47 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	1/47 (2%)
		0/39 (0%)	0/45 (0%)			0/47 (0%)	0/50 (0%)	
Overall Incidence	Total	0/630 (0%)	Mean 0%	SD 0%	Total	1/673 (0.15%)	Mean 0.15%	SD 0.57%
Thymus:								
Thymoma: Benign, Mal	ignant, NOS							
		0/42 (0%)	0/50 (0%)	0/44 (0%)		0/46 (0%)	0/50 (0%)	0/47 (0%)
		1/49 (2%)	0/48 (0%)	0/41 (0%)		0/49 (0%)	0/50 (0%)	0/44 (0%)
		0/48 (0%)	0/40 (0%)	0/41 (0%)		0/50 (0%)	0/48 (0%)	0/45 (0%)
		0/48 (0%)	0/47 (0%)	0/48 (0%)		0/50 (0%)	0/50 (0%)	1/47 (2%)
		0/39 (0%)	0/45 (0%)			0/47 (0%)	0/50 (0%)	
Overall Incidence	Total	1/630 (0.16%)	Mean 0.15%	SD 0.55%	Total	1/673 (0.15%)	Mean 0.15%	SD 0.57%
Thyroid Gland: C-Cell:								
Adenoma		0/49 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
Adenoma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Adenoma		0,00 (0,0)				· · ·	· · ·	( )
Adenoma		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	1/50 (2%)	0/48 (0%)
Adenoma			( )	0/49 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%)	0/48 (0%) 0/49 (0%)
Adenoma		0/50 (0%)	0/50 (0%)	( )		( )	( )	

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						I	Female		
*Thyroid Gland: C-Cell: Carcinoma														
Caremonia		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/48	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0,00	(0,0)		0/50	(0%)	0/49	(0%)	0, 10	(0,0)
Overall Incidence	Total	0/697 (0%	( )	Mean	( )	SD 0%		Total	1/695 (0	· · ·		0.14%	SD 0.	.53%
					•••••	•••••				•••••	•••••			
Thyroid Gland: C-Cell: Carcinoma or Adenoma														
		0/49	(0%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	1/50	(2%)	0/48	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0,00	(070)		0/50	(0%)	0/49	(0%)	0,10	(070)
Overall Incidence	Total	0/697 (0%	. ,	Mean	· · ·	SD 0%		Total	2/695 (0	( )		0.29%	SD 0.	.73%
Thyroid Gland: Follicular Ce Adenoma														
		0/49	(0%)	0/49	(0%)	1/50	(2%)		1/50	(2%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	1/49	(2%)		0/50	(0%)	1/50	(2%)	0/48	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	1/50	(2%)	0,00	(0,0)		0/50	(0%)	0/49	(0%)	0, 10	(0,0)
Overall Incidence	Total	5/697 (0.72	. ,	Mean 0	( )	SD 1%		Total	3/695 (0	· · ·		0.43%	SD 0.	.85%
Thyroid Gland: Follicular Ce														
Carcinoma or Adenoma	,													
		0/49	(0%)	0/49	(0%)	1/50	(2%)		1/50	(2%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	1/49	(2%)		0/50	(0%)	1/50	(2%)	0/48	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	1/50	(2%)				0/50	(0%)	0/49	(0%)		
Overall Incidence	Total	5/697 (0.72	0/)	Mean 0	700/	SD 1%		Total	3/695 (0	120/)	Moon	0.43%	SD 0.	050/

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Tissue NOS:								
Fibrosarcoma		0/50 (0%)	0/50 (00/)	0/50 (00/)		0/50 (00/)	0/50 (00/)	0/50 (0%)
		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/00 (0/0)		0/50 (0%)	0/50 (0%)	1/50 (2/0)
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
	•••••				•••••			
Tissue NOS: Hemangiosarcoma								
-		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
≭Tongue:								
Squamous Cell Carcinoma	or Papillom	a Squamous						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/700 (0%)	Mean 0%	SD 0%	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
≠Tongue:								
Squamous Cell Papilloma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Squamous Cell Papilloma			0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Squamous Cell Papilloma		0/50 (0%)	( )	( )				
Squamous Cell Papilloma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Squamous Cell Papilloma		0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%)	( )		0/50 (0%)	1/50 (2%)	0/50 (0%) 0/50 (0%)
Squamous Cell Papilloma		0/50 (0%)	0/50 (0%)	0/50 (0%)		· · · ·	( )	( )

\*: Denominator is number of animals with tissues examined microscopically

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
#Tooth:								
Odontoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		5/50 (10%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	2/50 (4%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	8/700 (1.14%)	Mean 1.14%	SD 2.8%	Total	0/700 (0%)	Mean 0%	SD 0%
Urethra:								
Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/700 (0%)	Mean 0%	SD 0%
Urinary Bladder: Hemangiosarcoma								
-		0/48 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/45 (0%)		0/50 (0%)	0/49 (0%)	0/44 (0%)
		0/50 (0%)	0/50 (0%)	0/47 (0%)		0/50 (0%)	0/50 (0%)	0/48 (0%)
		0/50 (0%)	0/50 (0%)			0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	1/690 (0.14%)	Mean 0.14%	SD 0.53%	Total	0/689 (0%)	Mean 0%	SD 0%
Uterus:	•••••							
Adenoma								
						0/50 (0%)	0/50 (0%)	0/50 (0%)
						0/50 (0%)	0/50 (0%)	0/50 (0%)
						0/50 (0%)	1/50 (2%)	1/50 (2%)
						0/50 (0%)	0/50 (0%)	0/50 (0%)
						0/50 (0%)	0/50 (0%)	
					Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%

\*: Denominator is number of animals with tissues examined microscopically

Version: Nov2014
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

	Male			Female	
#Uterus:					
Carcinoma					
			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	0/50 (0%)
			1/50 (2%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	
Overall Incidence	٦	otal	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Uterus:					
Hemangioma			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)
			0/50 (0%)	1/50 (2%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	0/00 (070)
Overall Incidence	1	otal	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Uterus:					
Hemangiosarcoma			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	1/50 (2%)
			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	0/50 (0%)
			1/50 (2%)	1/50 (2%)	
Overall Incidence	٦	otal	3/700 (0.43%)	Mean 0.43%	SD 0.85%
#Uterus:					
Leiomyoma					
-			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	1/50 (2%)
			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	0/50 (0%)
			0/50 (0%)	0/50 (0%)	
Overall Incidence	I	otal	1/700 (0.14%)	Mean 0.14%	SD 0.53%

Version: Nov2014
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

# Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

Male			Female	
Uterus:				
Polyp Stromal				
		2/50 (4%)	1/50 (2%)	2/50 (4%)
		0/50 (0%)	2/50 (4%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)
		3/50 (6%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	4/50 (8%)	
verall Incidence	Total	18/700 (2.57%)	Mean 2.57%	SD 2.65%
Uterus:				
Sarcoma		0/50 (00/)	0/50 (0%()	0/50 (00/)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/50 (2%)
No	<b>-</b>	0/50 (0%)	0/50 (0%)	00 0 500/
Overall Incidence	Total	1/700 (0.14%)	Mean 0.14%	SD 0.53%
Uterus: Sarcoma Stromal				
		0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	2/50 (4%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	
verall Incidence	Total	3/700 (0.43%)	Mean 0.43%	SD 1.16%
Uterus:				
Sarcoma Stromal or Polyp Stromal				
		2/50 (4%)	2/50 (4%)	2/50 (4%)
		0/50 (0%)	2/50 (4%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	2/50 (4%)
		3/50 (6%)	2/50 (4%)	0/50 (0%)
		2/50 (4%)	4/50 (8%)	
Overall Incidence	Total	21/700 (3%)	Mean 3%	SD 2.57%

### Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
Zymbal's Gland:								· · ·
Carcinoma		- / /	- ( )	- /		- / /		- / />
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	· · · · ·
verall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%	Total	0/700 (0%)	Mean 0%	SD 0%
Zymbal's Gland: Carcinoma or Adenoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
			( )	0,00 (078)			( )	0/00 (070)
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/700 (0.29%)	Mean 0.29%	SD 0.73%	Total	0/700 (0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically