

NTP Historical Controls Report

All Routes and Vehicles

MICE

June 2013

REPORT DESCRIPTION

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
М3
M4
M5
Female
Female F1
F1
F1 F2

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

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES

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Report Date: 05/24/2013

Species: MICE Strain: B6C3F1 Length of Study: CHRONIC

Vehicle: ALL VEHICLES

Study 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		
Southern Research Institute	059903706	06/30/03	729	50(1)	40(701)	53.9	alpha/beta Thujone mixture
Battelle Northwest	052001106	07/21/03	729	50(5)	37(689)	53.4	1-Bromopropane
Battelle Northwest	056031106	05/15/06	729	50(5)	39(715)	54.3	Cobalt
Battelle Northwest	059901706	08/18/03	729	50(5)	31(686)	53.8	Diethylamine
Battelle Columbus Laboratory	059903104	03/17/05	726	50(1)	34(687)	54.6	Ginkgo biloba extract
Battelle Columbus Laboratory	052000506	02/10/04	730	50(1)	32(691)	51.1	Ginseng
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)
Southern Research Institute	059500306	04/26/04	729	50(1)	34(694)	54.6	Methyl trans-styryl ketone
Battelle Columbus Laboratory	052010704	10/26/04	730	50(1)	34(665)	55.7	N,N-Dimethyl-p-toluidine
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
Battelle Northwest	059302506	06/23/03	729	50(5)	36(695)	52.9	Tetralin
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)

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 4

Report Date: 05/24/2013

Species: MICE Strain: B6C3F1 Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Study 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
					Female		
Southern Research Institute	059903706	06/30/03	731	50(5)	37(668)	64.7	alpha/beta Thujone mixture
Battelle Northwest	052001106	07/21/03	731	50(5)	36(698)	61.2	1-Bromopropane
Battelle Northwest	056031106	05/15/06	731	50(5)	36(686)	66.7	Cobalt
Battelle Northwest	059901706	08/18/03	731	50(5)	32(684)	60.7	Diethylamine
Battelle Columbus Laboratory	059903104	03/18/05	727	50(5)	31(628)	64.5	Ginkgo biloba extract
Battelle Columbus Laboratory	052000506	02/09/04	729	50(5)	38(711)	63.9	Ginseng
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)
Southern Research Institute	059500306	04/26/04	731	50(1)	37(709)	64.6	Methyl trans-styryl ketone
Battelle Columbus Laboratory	052010704	10/25/04	729	50(5)	43(715)	66.6	N,N-Dimethyl-p-toluidine
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
Battelle Northwest	059302506	06/23/03	731	50(5)	31(663)	62.1	Tetralin
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)

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male		Female					
#All Organs: Benign Tumors										
Denigh rumors		32/50 (64%)	36/50 (72%)	35/50 (70%)		22/50 (44%)	22/50 (44%)	29/50 (58%)		
		33/50 (66%)	38/50 (76%)	38/50 (76%)		25/50 (50%)	25/50 (50%)	33/50 (66%)		
		43/50 (86%)	33/50 (66%)	34/50 (68%)		20/50 (40%)	17/50 (34%)	26/50 (52%)		
		39/50 (78%)	37/50 (74%)	36/50 (72%)		26/50 (52%)	33/50 (66%)	24/50 (48%)		
		36/50 (72%)	42/50 (84%)	38/50 (76%)		40/50 (80%)	34/50 (68%)	22/50 (44%)		
		42/50 (84%)	37/50 (74%)	43/50 (86%)		24/50 (48%)	41/50 (82%)	32/50 (64%)		
		43/50 (86%)	(* ****)	(22,72)		36/50 (72%)	(/-)	(3.73)		
verall Incidence	Total	715/950 (75.26%)	Mean 75.26%	SD 7.16%	Total	531/950 (55.89%)	Mean 55.89%	SD 13.59%		
All Organs:	•••••									
Malignant Tumors										
		30/50 (60%)	30/50 (60%)	36/50 (72%)		19/50 (38%)	33/50 (66%)	31/50 (62%)		
		36/50 (72%)	35/50 (70%)	26/50 (52%)		23/50 (46%)	28/50 (56%)	15/50 (30%)		
		28/50 (56%)	27/50 (54%)	32/50 (64%)		18/50 (36%)	19/50 (38%)	19/50 (38%)		
		26/50 (52%)	37/50 (74%)	29/50 (58%)		30/50 (60%)	42/50 (84%)	21/50 (42%)		
		36/50 (72%)	33/50 (66%)	21/50 (42%)		29/50 (58%)	34/50 (68%)	18/50 (36%)		
		26/50 (52%)	38/50 (76%)	37/50 (74%)		27/50 (54%)	38/50 (76%)	33/50 (66%)		
		30/50 (60%)				31/50 (62%)				
verall Incidence	Total	593/950 (62.42%)	Mean 62.42%	SD 9.7%	Total	508/950 (53.47%)	Mean 53.47%	SD 15.36%		
All Organs:										
Malignant and Benign	Tumors									
		45/50 (90%)	47/50 (94%)	45/50 (90%)		35/50 (70%)	42/50 (84%)	40/50 (80%)		
		48/50 (96%)	44/50 (88%)	46/50 (92%)		41/50 (82%)	35/50 (70%)	42/50 (84%)		
		49/50 (98%)	48/50 (96%)	47/50 (94%)		29/50 (58%)	30/50 (60%)	39/50 (78%)		
		46/50 (92%)	49/50 (98%)	45/50 (90%)		41/50 (82%)	48/50 (96%)	35/50 (70%)		
		48/50 (96%)	47/50 (94%)	47/50 (94%)		43/50 (86%)	42/50 (84%)	32/50 (64%)		
		47/50 (94%)	46/50 (92%)	49/50 (98%)		40/50 (80%)	47/50 (94%)	45/50 (90%)		
		48/50 (96%)				45/50 (90%)				
verall Incidence	Total	891/950 (93.79%)	Mean 93.79%	SD 2.97%	Total	751/950 (79.05%)	Mean 79.05%	SD 10.98%		

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male			Female					
All Organs: 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%)	1/50 (2%)			
		2/50 (4%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	1/50 (2%)	0/50 (0%)			
		1/50 (2%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)			
		1/50 (2%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	1/50 (2%)	1/50 (2%)			
		1/50 (2%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)				0/50 (0%)					
verall Incidence	Total	13/950 (1.37%)	Mean 1.37%	SD 1.5%	Total	5/950 (0.53%)	Mean 0.53%	SD 0.9%			
All Organs: Hemangiosarcoma											
		4/50 (8%)	2/50 (4%)	7/50 (14%)		1/50 (2%)	4/50 (8%)	3/50 (6%)			
		7/50 (14%)	9/50 (18%)	4/50 (8%)		5/50 (10%)	2/50 (4%)	0/50 (0%)			
		5/50 (10%)	4/50 (8%)	6/50 (12%)		2/50 (4%)	0/50 (0%)	1/50 (2%)			
		1/50 (2%)	6/50 (12%)	8/50 (16%)		3/50 (6%)	5/50 (10%)	0/50 (0%)			
		6/50 (12%)	5/50 (10%)	1/50 (2%)		3/50 (6%)	6/50 (12%)	1/50 (2%)			
		4/50 (8%)	6/50 (12%)	2/50 (4%)		2/50 (4%)	2/50 (4%)	4/50 (8%)			
		5/50 (10%)				6/50 (12%)					
verall Incidence	Total	92/950 (9.68%)	Mean 9.68%	SD 4.49%	Total	50/950 (5.26%)	Mean 5.26%	SD 3.9%			
All Organs: Hemangiosarcoma or He											
		4/50 (8%)	2/50 (4%)	7/50 (14%)		1/50 (2%)	4/50 (8%)	3/50 (6%)			
		7/50 (14%)	9/50 (18%)	5/50 (10%)		5/50 (10%)	2/50 (4%)	1/50 (2%)			
		7/50 (14%)	4/50 (8%)	8/50 (16%)		2/50 (4%)	1/50 (2%)	1/50 (2%)			
		2/50 (4%)	7/50 (14%)	8/50 (16%)		3/50 (6%)	5/50 (10%)	1/50 (2%)			
		7/50 (14%)	6/50 (12%)	3/50 (6%)		3/50 (6%)	7/50 (14%)	2/50 (4%)			
		5/50 (10%)	6/50 (12%)	3/50 (6%)		2/50 (4%)	2/50 (4%)	4/50 (8%)			
		5/50 (10%)				6/50 (12%)					
verall Incidence	Total	105/950 (11.05%)	Mean 11.05%	SD 4.18%	Total	55/950 (5.79%)	Mean 5.79%	SD 3.65%			

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male			Female						
#All Organs:														·
Histiocytic Sarcoma		1/50	(20/)	0/50	(00/)	1/50	(20/)		2/50	(40/)	1/50	(20/)	1/50	(20/)
		1/50 1/50	(2%) (2%)	0/50 0/50	(0%) (0%)	1/50 1/50	(2%) (2%)		2/50 1/50	(4%) (2%)	1/50 1/50	(2%) (2%)	1/50 0/50	(2%) (0%)
		0/50	(2%)	2/50	(4%)	0/50	(2%)		0/50	(2%)	1/50	(2%)	3/50	(6%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		2/50	(4%)	1/50	(2%)	0/50	(0%)
		0/50	(2%)	1/50	(2%)	0/50	(0%)		2/30 1/50	(4%)	0/50	(2 %)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	2/50	(4%)		2/50	(4%)	2/50	(4%)	2/50	(4%)
		1/50	(2%)	0/30	(070)	2/30	(470)		2/50	(4%)	2/30	(470)	2/30	(470)
Overall Incidence	Total	11/950 (1.1		Mean 1	16%	SD 1.389	0/_	Total	23/950 (2	` '	Mean	2.42%	SD 1	71%
		`	,						,	,			_	
All Organs:														
Malignant Lymphoma: I	Histiocytic. Lym	nphocytic. Mixe	d. NOS. o	r Undifferen	tiated Cel	I Type								
. 3 , , ,	, , , , , , , , , , , , , , , , , , ,	4/50	(8%)	2/50	(4%)	4/50	(8%)		6/50	(12%)	17/50	(34%)	14/50	(28%)
		2/50	(4%)	1/50	(2%)	4/50	(8%)		8/50	(16%)	11/50	(22%)	9/50	(18%)
		2/50	(7/0)	1/30	(2/0)	4/30	(0/0)				1 1/00			
		4/50	(8%)	3/50	(6%)	2/50	(4%)		7/50	(14%)	6/50	(12%)	6/50	(12%)
			` ,		` '		` ,			` ,		` ,		` '
		4/50	(8%)	3/50	(6%)	2/50	(4%)		7/50	(14%)	6/50	(12%)	6/50	(12%)
		4/50 3/50	(8%) (6%)	3/50 4/50	(6%) (8%)	2/50 4/50	(4%) (8%)		7/50 18/50	(14%) (36%)	6/50 20/50	(12%) (40%)	6/50 15/50	(12%) (30%)
		4/50 3/50 0/50	(8%) (6%) (0%)	3/50 4/50 2/50	(6%) (8%) (4%)	2/50 4/50 3/50	(4%) (8%) (6%)		7/50 18/50 14/50	(14%) (36%) (28%)	6/50 20/50 13/50	(12%) (40%) (26%)	6/50 15/50 9/50	(12%) (30%) (18%)
Overall Incidence	Total	4/50 3/50 0/50 2/50	(8%) (6%) (0%) (4%) (0%)	3/50 4/50 2/50	(6%) (8%) (4%) (4%)	2/50 4/50 3/50	(4%) (8%) (6%) (4%)	Total	7/50 18/50 14/50 12/50	(14%) (36%) (28%) (24%) (12%)	6/50 20/50 13/50 20/50	(12%) (40%) (26%)	6/50 15/50 9/50	(12%) (30%) (18%) (28%)
		4/50 3/50 0/50 2/50 0/50 48/950 (5.0	(8%) (6%) (0%) (4%) (0%) 5%)	3/50 4/50 2/50 2/50 Mean 5	(6%) (8%) (4%) (4%)	2/50 4/50 3/50 2/50 SD 2.619	(4%) (8%) (6%) (4%)		7/50 18/50 14/50 12/50 6/50 225/950 (2	(14%) (36%) (28%) (24%) (12%) (3.68%)	6/50 20/50 13/50 20/50 Mean	(12%) (40%) (26%) (40%) 23.68%	6/50 15/50 9/50 14/50	(12%) (30%) (18%) (28%)
[‡] All Organs:		4/50 3/50 0/50 2/50 0/50 48/950 (5.0	(8%) (6%) (0%) (4%) (0%) 5%)	3/50 4/50 2/50 2/50 Mean 5	(6%) (8%) (4%) (4%)	2/50 4/50 3/50 2/50 SD 2.619	(4%) (8%) (6%) (4%)		7/50 18/50 14/50 12/50 6/50 225/950 (2	(14%) (36%) (28%) (24%) (12%) (3.68%)	6/50 20/50 13/50 20/50 Mean	(12%) (40%) (26%) (40%) 23.68%	6/50 15/50 9/50 14/50	(12%) (30%) (18%) (28%)
		4/50 3/50 0/50 2/50 0/50 48/950 (5.0	(8%) (6%) (0%) (4%) (0%) 5%)	3/50 4/50 2/50 2/50 2/50 Mean 5	(6%) (8%) (4%) (4%)	2/50 4/50 3/50 2/50 SD 2.619	(4%) (8%) (6%) (4%)		7/50 18/50 14/50 12/50 6/50 225/950 (2	(14%) (36%) (28%) (24%) (12%) (3.68%)	6/50 20/50 13/50 20/50 Mean	(12%) (40%) (26%) (40%) 23.68%	6/50 15/50 9/50 14/50 SD 9	(12%) (30%) (18%) (28%) 9.6%
All Organs:		4/50 3/50 0/50 2/50 0/50 48/950 (5.0	(8%) (6%) (0%) (4%) (0%) 5%)	3/50 4/50 2/50 2/50 Mean 5	(6%) (8%) (4%) (4%)	2/50 4/50 3/50 2/50 SD 2.619	(4%) (8%) (6%) (4%)		7/50 18/50 14/50 12/50 6/50 225/950 (2	(14%) (36%) (28%) (24%) (12%) (3.68%)	6/50 20/50 13/50 20/50 Mean	(12%) (40%) (26%) (40%) 23.68%	6/50 15/50 9/50 14/50	(12%) (30%) (18%) (28%) 9.6%
All Organs:		4/50 3/50 0/50 2/50 0/50 48/950 (5.0	(8%) (6%) (0%) (4%) (0%) 5%) 	3/50 4/50 2/50 2/50 2/50 Mean 5	(6%) (8%) (4%) (4%) .05%	2/50 4/50 3/50 2/50 SD 2.619	(4%) (8%) (6%) (4%) %		7/50 18/50 14/50 12/50 6/50 225/950 (2	(14%) (36%) (28%) (24%) (12%) (3.68%) 	6/50 20/50 13/50 20/50 Mean	(12%) (40%) (26%) (40%) 23.68%	6/50 15/50 9/50 14/50 SD 9	(12%) (30%) (18%) (28%) 9.6%
All Organs:		4/50 3/50 0/50 2/50 0/50 48/950 (5.0	(8%) (6%) (0%) (4%) (0%) 5%) 	3/50 4/50 2/50 2/50 2/50 Mean 5	(6%) (8%) (4%) (4%) .05% 	2/50 4/50 3/50 2/50 SD 2.619 0/50 0/50	(4%) (8%) (6%) (4%) %		7/50 18/50 14/50 12/50 6/50 225/950 (2	(14%) (36%) (28%) (24%) (12%) (3.68%) 	6/50 20/50 13/50 20/50 Mean 	(12%) (40%) (26%) (40%) 23.68%	6/50 15/50 9/50 14/50 SD 9	(12%) (30%) (18%) (28%) 9.6% (0%) (0%)
[‡] All Organs:		4/50 3/50 0/50 2/50 0/50 48/950 (5.0	(8%) (6%) (0%) (4%) (0%) 5%) 	3/50 4/50 2/50 2/50 2/50 Mean 5	(6%) (8%) (4%) (4%) .05% 	2/50 4/50 3/50 2/50 SD 2.619 0/50 0/50 0/50	(4%) (8%) (6%) (4%) % 		7/50 18/50 14/50 12/50 6/50 225/950 (2 0/50 0/50 0/50	(14%) (36%) (28%) (24%) (12%) (3.68%) 	6/50 20/50 13/50 20/50 Mean 0/50 0/50 0/50	(12%) (40%) (26%) (40%) 23.68% (0%) (0%) (0%)	6/50 15/50 9/50 14/50 SD 9 0/50 0/50 0/50	(12%) (30%) (18%) (28%) 9.6% (0%) (0%) (0%) (0%)
[‡] All Organs:		4/50 3/50 0/50 2/50 0/50 48/950 (5.0 0/50 0/50 0/50	(8%) (6%) (0%) (4%) (0%) 5%) 	3/50 4/50 2/50 2/50 2/50 Mean 5 	(6%) (8%) (4%) (4%) .05% 	2/50 4/50 3/50 2/50 SD 2.619 0/50 0/50 0/50 0/50	(4%) (8%) (6%) (4%) % 		7/50 18/50 14/50 12/50 6/50 225/950 (2 0/50 0/50 0/50 0/50	(14%) (36%) (28%) (24%) (12%) (3.68%) 	6/50 20/50 13/50 20/50 Mean 	(12%) (40%) (26%) (40%) 23.68% (0%) (0%) (0%) (0%)	6/50 15/50 9/50 14/50 SD 9 0/50 0/50 0/50 0/50	(12%) (30%) (18%) (28%) 9.6% (0%) (0%) (0%)
Overall Incidence #All Organs: Mesothelioma: Benign		4/50 3/50 0/50 2/50 0/50 48/950 (5.0 0/50 0/50 0/50 0/50 1/50	(8%) (6%) (0%) (4%) (0%) 5%) 	3/50 4/50 2/50 2/50 2/50 Mean 5 	(6%) (8%) (4%) (4%) .05% 	2/50 4/50 3/50 2/50 SD 2.619 0/50 0/50 0/50 0/50 0/50	(4%) (8%) (6%) (4%) % 		7/50 18/50 14/50 12/50 6/50 225/950 (2 0/50 0/50 0/50 0/50 0/50	(14%) (36%) (28%) (24%) (12%) (3.68%) 	6/50 20/50 13/50 20/50 Mean 	(12%) (40%) (26%) (40%) 23.68% (0%) (0%) (0%) (0%) (0%)	6/50 15/50 9/50 14/50 SD 9 0/50 0/50 0/50 0/50 0/50	(12%) (30%) (18%) (28%) 9.6% (0%) (0%) (0%) (0%) (0%)

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male		Female				
#All Organs:									
Mesothelioma: Benign,	Malignant, NOS								
		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%)	0/50 (0%)		0/50 (0%)	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	3/950 (0.32%)	Mean 0.32%	SD 0.75%	Total	0/950 (0%)	Mean 0%	SD 0%	
All Organs:									
Mesothelioma: Maligna	nt								
J		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%)		0/50 (0%)	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	2/950 (0.21%)	Mean 0.21%	SD 0.63%	Total	0/950 (0%)	Mean 0%	SD 0%	
#All Organs:									
Osteoma									
		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%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	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	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male			Female				
#All Organs: Osteosarcoma										
		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%)	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%)		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	2/950 (0.21%)	Mean 0.21%	SD 0.63%	Total	2/950 (0.21%)	Mean 0.21%	SD 0.92%		
All Organs:										
Osteosarcoma or Oste	oma	./=0 /00/	. (=0 (00))	0.700 (00.4)		0.750 (00.4)	0/=0 (00/)	0/=0 (00/)		
		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%)	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%)		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	3/950 (0.32%)	Mean 0.32%	SD 0.75%	Total	3/950 (0.32%)	Mean 0.32%	SD 1%		
Adrenal Cortex: Adenoma										
		2/50 (4%)	4/49 (8%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)		
		6/50 (12%)	1/50 (2%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)		
		1/49 (2%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	2/49 (4%)	0/50 (0%)		
		9/49 (18%)	6/50 (12%)	3/50 (6%)		0/49 (0%)	0/50 (0%)	0/50 (0%)		
		2/49 (4%)	9/50 (18%)	1/50 (2%)		0/49 (0%)	1/50 (2%)	0/50 (0%)		
		2/49 (4%)	6/50 (12%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)		
		2/50 (4%)	. ,	. ,		0/49 (0%)	. ,			
Overall Incidence	Total	57/945 (6.03%)	Mean 6.04%	SD 5.74%	Total	6/945 (0.63%)	Mean 0.64%	SD 1.18%		

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

					Male				Female					
Adrenal Cortex:		,							,					
Plasma Cell Tumor Ma	lignant													
		0/50	(0%)	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%)
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
		0/49	(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%)		0/49	(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%)						0/49	(0%)				
verall Incidence	Total	0/945 (0%	,	Mean		SD 0%		Total	1/945 (0.1	,		0.11%	SD 0	.46%
Adrenal Medulla:														
Pheochromocytoma Be	enign													
		0/49	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	3/50	(6%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
		1/48	(2%)	0/49	(0%)	0/50	(0%)		1/49	(2%)	0/50	(0%)	2/50	(4%)
		0/49	(0%)	0/50	(0%)	0/50	(0%)		1/49	(2%)	2/50	(4%)	1/50	(2%)
		1/47	(2%)	0/49	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
verall Incidence	Total	4/940 (0.43	,	Mean 0		SD 0.869		Total	13/946 (1.	,		1.37%	SD 1	
Adrenal Medulla:														
Pheochromocytoma M	alignant													
		1/49	(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%)
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
		0/48	(0%)	0/49	(0%)	0/50	(0%)		0/49	(0%)	1/50	(2%)	0/50	(0%)
		0/49	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/47	(0%)	0/49	(0%)	1/50	(2%)		0/50	(0%)	2/50	(4%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	2/940 (0.21	%)	Mean 0	.21%	SD 0.649	6	Total	5/946 (0.5	53%)	Mean	0.53%	SD 1	.12%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Adrenal Medulla: Pheochromocytoma: Benign, Complex, Malignant, NOS 1/49 (2%)1/50 (2%)0/50 (0%)0/50 (0%)4/50 (8%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/49 (0%)0/50 (0%)(0%)(0%)2/50 1/48 (2%)0/49 0/50 1/49 (2%)1/50 (2%)(4%)0/49 (0%)0/50 (0%)0/50 (0%)1/49 (2%)2/50 (4%)1/50 (2%)1/47 (2%)0/49 (0%)2/50 (4%)0/50 (0%)2/50 (4%)2/50 (4%)0/50 (0%)0/50 (0%)**Overall Incidence** 6/940 (0.64%) Mean 0.64% SD 1.18% 18/946 (1.9%) SD 2.16% Total Total Mean 1.9% #Blood Vessel: Hemangioma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)(0%)0/50 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%)1/50 (2%)0/50 (0%)0/50 (0%)(0%) 0/50 (0%) 0/50 (0%)0/50 0/50 0/50 (0%)(0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)Overall Incidence Total 0/950 (0%) Mean 0% SD 0% Total 1/950 (0.11%) Mean 0.11% SD 0.46% *Bone Marrow: Hemangioma 0/50 (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%)(0%)0/50 (0%)0/50 0/50 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%)0/50 (0%)0/50 (0%)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** 1/948 (0.11%) 0/949 (0%) SD 0% Total Mean 0.11% SD 0.46% Total Mean 0%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male			Female						
Bone Marrow: Hemangiosarcoma														
J		0/50	(0%)	0/48	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		2/50	(4%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	2/50	(4%)		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%)
		2/50	(4%)	0/50	(0%)	0/50	(0%)		1/49	(2%)	3/50	(6%)	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%)		` ,		` ,
verall Incidence	Total	11/948 (1.16	,	Mean 1		SD 1.549		Total	9/949 (0.	,		0.95%	SD 1.	
one Marrow: Mast Cell Tumor Malign														
g		0/50	(0%)	0/48	(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%)	0/50	(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	0/948 (0%	` ,	Mean	0%	SD 0%		Total	1/949 (0.	` ,	Mean	0.11%	SD 0.	46%
Bone Marrow:						•••••			•••••					
Plasma Cell Tumor Mali	gnant	0/50	(0%)	0/48	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/48	(0%)	0/50	(0%)		0/50	(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%)		0/30	(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)	0/30	(0 /0)		0/50	(0%)	0/30	(0 /0)	0/30	(0 /0)
verall Incidence	Total	0/948 (0%	` '	Mean	∩9/:	SD 0%		Total	1/949 (0.	` ,	Moon	0.11%	SD 0.	160/

^{*:} Denominator is number of animals with tissues examined microscopically

Page: 12

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male			Female					
Bone Marrow: Sarcoma											
		0/50 (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%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	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%)		0/49 (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	0/948 (0%)	Mean 0%	SD 0%	Total	1/949 (0.11%)	Mean 0.11%	SD 0.46%			
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%)	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	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%			
Bone:		•••••	•••••								
Hemangiosarcoma											
		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%)	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%)		1/50 (2%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	5/950 (0.53%)	Mean 0.53%	SD 1.47%			

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #Bone: Osteoma 1/50 (2%)0/50 (0%)(2%)1/50 1/950 (0.11%) SD 0.46% 1/950 (0.11%) SD 0.46% **Overall Incidence** Total Mean 0.11% Total Mean 0.11% #Bone: Osteosarcoma 0/50 (2%)0/50 0/50 (0%)1/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%) 0/50 (0%) 0/50 0/50 (0%)0/50 0/50 (0%)(0%)(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%)Overall Incidence Total 1/950 (0.11%) Mean 0.11% SD 0.46% Total 2/950 (0.21%) Mean 0.21% SD 0.92% #Bone: Osteosarcoma or Osteoma 1/50 (2%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)(0%)(0%)0/50 (0%)0/50 0/50 0/50 0/50 0/50 (0%)0/50 (0%) 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)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** 2/950 (0.21%) 3/950 (0.32%) Mean 0.32% SD 1% Total Mean 0.21% SD 0.63% Total

.....

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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

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					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%)	0/50	(0%)
		0/50	(0%)	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	0/950 (0%)) ` ´	Mean		SD 0%		Total	1/950 (0.	11%)		0.11%	SD 0.	
Brain:														
Granular Cell Tumor Be	enign													
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	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%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		()		()		0/49	(0%)		()		()
Overall Incidence	Total	1/950 (0.119	` '	Mean 0	11%	SD 0.469	2%	Total	0/949 (` '	Mea	n 0%	SD	0%
									,	,			_	
Brain: Meningioma Benign														
		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%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/30	(070)	0/30	(0 /0)		0/49	(0%)	0/30	(0 /0)	0/30	(0 /0)
Overall Incidence	Total	1/950 (0.119		Mean 0	110/	SD 0.469	0/.	Total	0/49	` '	Maa	n 0%	SD	00/.
overali incluence		,	,						,	,			_	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *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%)(0%)0/50 0/50 (0%)0/50 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)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%)0/49 **Overall Incidence** 1/950 (0.11%) SD 0.46% 0/949 (0%) SD 0% Total Mean 0.11% Total Mean 0% *Brain: Meningioma: Benign, Malignant, NOS 0/50 (0%)0/50 (0%)(0%)0/50 0/50 0/50 (0%)0/50 (0%)(0%)0/50 1/50 (2%)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%)0/50 (0%)0/50 (0%)0/50 (0%)(0%) 0/50 (0%) 0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/49 (0%)Overall Incidence Total 2/950 (0.21%) Mean 0.21% SD 0.63% Total 0/949 (0%) Mean 0% SD 0% Oligodendroglioma 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%)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%)0/49 (0%)**Overall Incidence** 1/950 (0.11%) 0/949 (0%) SD 0% Total Mean 0.11% SD 0.46% Total Mean 0%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male						F	emale		
Brain:														
Oligodendroglioma, Glic	ma, or Astroc	•	(00/)	0/50	(00/)	0/50	(00/)		0/50	(00/)	0/50	(00/)	0/50	(00/)
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	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%)	1/30	(270)	0/30	(070)		0/49	(0%)	0/30	(0 /8)	0/30	(076)
Overall Incidence	Total	1/950 (0.119	` '	Mean 0	110/	SD 0.469	/.	Total	0/949 (` '	Moo	n 0%	SD	O9/
									,	,				
Brain: Schwannoma 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%)	0/50	(0%)	0/50	(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	0/950 (0%))	Mean	0%	SD 0%		Total	1/949 (0.	11%)	Mean	0.11%	SD 0.	.46%
Clitoral/Preputial Gland: Hemangioma														
		0/49	(0%)	0/49	(0%)	0/49	(0%)		0/48	(0%)	0/46	(0%)	0/43	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/46	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/49	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/44	(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%)	0/50	(0%)	0/50	(0%)		0/46	(0%)	0/49	(0%)	0/45	(0%)
		0/50	(0%)						0/47	(0%)				
Overall Incidence	Total	1/947 (0.119	%)	Mean 0	11%	SD 0.469	6	Total	0/908 (0%)	Mea	n 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female *Clitoral/Preputial Gland: Hemangiosarcoma 0/49 (0%)0/49 (0%)0/49 (0%)0/48 (0%)0/46 (0%)0/43 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/46 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/49 (0%)0/49 (0%)(0%)(0%)0/50 0/50 (0%)0/50 0/50 0/44 (0%)0/48 (0%)(0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/46 0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/49 (0%)0/45 (0%)0/50 (0%)0/47 (0%)**Overall Incidence** 1/947 (0.11%) Mean 0.11% SD 0.46% 0/908 (0%) SD 0% Total Total Mean 0% **#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 0/50 (0%)0/50 (0%)(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%) 0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)(0%)0/50 0/50 0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)Overall Incidence Total 1/950 (0.11%) Mean 0.11% SD 0.46% Total 0/950 (0%) Mean 0% SD 0% #Coagulating Gland: 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%)1/50 (2%)0/50 (0%) 0/50 (0%)**Overall Incidence** 1/950 (0.11%) 0/950 (0%) SD 0% Total Mean 0.11% SD 0.46% Total Mean 0%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male				Female	
Esophagus: Squamous Cell Carcino	ma							
•		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%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		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	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
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%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	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%)		
/erall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	0/950 (0%)	Mean 0%	SD 0%
larderian Gland: Adenoma								
		8/50 (16%)	7/50 (14%)	6/50 (12%)		5/50 (10%)	3/50 (6%)	3/50 (6%)
		4/50 (8%)	4/50 (8%)	11/50 (22%)		3/50 (6%)	5/50 (10%)	7/50 (14%)
		7/50 (14%)	6/50 (12%)	5/50 (10%)		2/50 (4%)	3/50 (6%)	5/50 (10%)
		7/50 (14%)	2/50 (4%)	11/50 (22%)		2/50 (4%)	4/50 (8%)	1/50 (2%)
		5/50 (10%)	6/50 (12%)	7/50 (14%)		2/50 (4%)	1/50 (2%)	2/50 (4%)
		2/50 (4%)	8/50 (16%)	7/50 (14%)		1/50 (2%)	5/50 (10%)	1/50 (2%)
		6/50 (12%)	, ,	, ,		5/50 (10%)	. ,	, ,
verall Incidence	Total	119/950 (12.53%)	Mean 12.53%	SD 4.8%	Total	60/950 (6.32%)	Mean 6.32%	SD 3.54%

^{*:} Denominator is number of animals with tissues examined microscopically

Page: 19

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 05/24/2013

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			Male				Female	
#Harderian Gland: Carcinoma								
		2/50 (4%)	3/50 (6%)	2/50 (4%)		1/50 (2%)	2/50 (4%)	0/50 (0%)
		4/50 (8%)	3/50 (6%)	1/50 (2%)		2/50 (4%)	1/50 (2%)	0/50 (0%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
		5/50 (10%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	2/50 (4%)	1/50 (2%)		2/50 (4%)	2/50 (4%)	1/50 (2%)
		3/50 (6%)	3/50 (6%)	0/50 (0%)		1/50 (2%)	2/50 (4%)	3/50 (6%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	34/950 (3.58%)	Mean 3.58%	SD 2.87%	Total	19/950 (2%)	Mean 2%	SD 2%
#Harderian Gland:								
Carcinoma or Adenoma								
		10/50 (20%)	10/50 (20%)	8/50 (16%)		6/50 (12%)	5/50 (10%)	3/50 (6%)
		8/50 (16%)	7/50 (14%)	12/50 (24%)		5/50 (10%)	6/50 (12%)	7/50 (14%)
		8/50 (16%)	7/50 (14%)	5/50 (10%)		4/50 (8%)	3/50 (6%)	5/50 (10%)
		12/50 (24%)	3/50 (6%)	11/50 (22%)		2/50 (4%)	4/50 (8%)	1/50 (2%)
		7/50 (14%)	8/50 (16%)	8/50 (16%)		4/50 (8%)	3/50 (6%)	3/50 (6%)
		5/50 (10%)	11/50 (22%)	7/50 (14%)		2/50 (4%)	7/50 (14%)	4/50 (8%)
		6/50 (12%)				5/50 (10%)		
Overall Incidence	Total	153/950 (16.11%)	Mean 16.11%	SD 4.92%	Total	79/950 (8.32%)	Mean 8.32%	SD 3.35%
*Heart:	• • • • • • • • • • • • • • • • • • • •							
Hemangiosarcoma								
_		0/50 (0%)	0/50 (0%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	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%)	1/50 (2%)	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%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	7/950 (0.74%)	Mean 0.74%	SD 0.99%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male						F	emale		
#Intestine 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%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	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	1/950 (0.11	•	Mean 0		SD 0.469		Total	0/950 (ın 0%	SD	
ntestine 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%)	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%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		1/50	(2%)						0/50	(0%)				
verall Incidence	Total	3/950 (0.32		Mean 0		SD 0.759		Total	1/950 (0.			0.11%	SD 0.	
ntestine Large: Cecum: 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%)
		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%)	1/50	(2%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		1/50	(2%)						0/50	(0%)				
verall Incidence	Total	4/950 (0.42	2%)	Mean 0	.42%	SD 0.849	%	Total	1/950 (0.	11%)	Mean	0.11%	SD 0.	.46%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

				Male						F	emale		
Intestine Large: Cecum:													
•		0/50 (0	0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0	0%) 0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50 (0	0%) 0/50	(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%)	0/50	(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%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0	0%)					0/50	(0%)				
verall Incidence	Total	0/950 (0%)	Mean		SD 0%		Total	1/950 (0.	,		0.11%	SD 0.	
Intestine Large: Cecum: Leiomyosarcoma													
-		0/50 (0	0%) 0/50	(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%)	0/50	(0%)
		0/50 (0	0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50 (0	0%) 0/50	(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%)	0/50	(0%)
		0/50 (0	0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0	0%)					0/50	(0%)				
verall Incidence	Total	0/950 (0%)	Mean		SD 0%		Total	1/950 (0.	,		0.11%	SD 0.	
Intestine Large: Colon/R Leiomyosarcoma													
•		0/50 (0	0%) 0/50	(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%)	0/50	(0%)
		0/50 (0	0%) 0/50	(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%)	0/50	(0%)
		0/50 (0	0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0	0%) 0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50 (0	0%)					0/50	(0%)				
verall Incidence	Total	0/950 (0%)	Mean	0%	SD 0%		Total	1/950 (0.	11%)	Mean	0.11%	SD 0.	46%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male					Female	
#Intestine Small: Duodenum: Adenoma									
		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%)	2/50 (4%)	1/50	(2%)		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%)	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%)		
Overall Incidence	Total	6/950 (0.63%)	Mean 0.63%	SD 1.16%		Total	3/950 (0.32%)	Mean 0.32%	SD 0.75%
#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%)	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%)		
Overall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%		Total	2/950 (0.21%)	Mean 0.21%	SD 0.63%
#Intestine Small: Duodenum: 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%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	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	0/950 (0%)	Mean 0%	SD 0%		Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
#Intestine Small: Duodenum: Polyp Adenomatous	:							
		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%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		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	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	0/950 (0%)	Mean 0%	SD 0%
fintestine Small: Ileum: Adenoma								
		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%)		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	2/950 (0.21%)	Mean 0.21%	SD 0.63%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
#Intestine Small: Ileum: Carcinoma								
		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%)	0/50 (0%)		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	0/950 (0%)	Mean 0%	SD 0%	Total	2/950 (0.21%)	Mean 0.21%	SD 0.63%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female #Intestine Small: Ileum: **Polyp Adenomatous** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)0/50 (0%)0/50 0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)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** 0/950 (0%) SD 0% 1/950 (0.11%) Mean 0.11% SD 0.46% Total Mean 0% Total #Intestine Small: Jejunum: Adenoma 0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)(0%)(0%)0/50 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%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)(2%) (0%) 0/50 0/50 1/50 0/50 0/50 (0%)(0%)(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%)**Overall Incidence** Total 4/950 (0.42%) Mean 0.42% SD 0.84% Total 1/950 (0.11%) Mean 0.11% SD 0.46% #Intestine Small: Jejunum: Carcinoma 0/50 (0%)4/50 (8%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)2/50 (4%)(2%)(0%)(0%)(0%)0/50 (0%)1/50 0/50 0/50 0/50 2/50 (4%)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%)2/50 (4%)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%)0/50 (0%)1/50 (2%)0/50 (0%)**Overall Incidence** 18/950 (1.89%) Mean 1.89% 1/950 (0.11%) SD 0.46% Total SD 2.16% Total Mean 0.11%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male						F	emale		
Intestine Small: Jejunun Hemangiosarcoma	n:													
•		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	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%)				
Overall Incidence	Total	0/950 (0%)		Mean		SD 0%		Total	1/950 (0.	,		0.11%	SD 0.	
fintestine Small: Jejunun Leiomyosarcoma														
		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%)	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%)				
Overall Incidence	Total	1/950 (0.11%	,	Mean 0		SD 0.469		Total	2/950 (0.	,		0.21%	SD 0.	.63%
#Intestine Small: Site Uns Adenoma														
		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%)	3/50	(6%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	2/50	(4%)
		1/50	(2%)	1/50	(2%)	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%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		1/50	(2%)						0/50	(0%)				
Overall Incidence	Total	12/950 (1.26	%)	Mean 1	26%	SD 1.799	%	Total	5/950 (0.	53%)	Mean	0.53%	SD 1.	.12%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female #Intestine Small: Site Unspecified: Carcinoma 0/50 (0%)4/50 (8%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)2/50 (4%)1/50 (2%)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%)(2%)0/50 (0%)1/50 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)2/50 (4%)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%)1/50 (2%)1/50 (2%)2/50 0/50 (0%)(4%)**Overall Incidence** 19/950 (2%) Mean 2% SD 2.21% 5/950 (0.53%) Mean 0.53% SD 0.9% Total Total #Intestine Small: Site Unspecified: Carcinoma or Adenoma 0/50 4/50 (8%) 2/50 (4%)0/50 (0%)0/50 1/50 (2%)(0%)(0%)(0%)0/50 2/50 (4%)1/50 (2%)0/50 0/50 (0%)0/50 (0%)(0%)2/50 (4%)3/50 (6%)3/50 (6%)0/50 (0%)0/50 (0%)2/50 (4%)1/50 (2%)(4%) 0/50 (0%) (2%)0/50 2/50 1/50 (2%)1/50 (0%)2/50 (4%)1/50 (2%)2/50 (4%)0/50 (0%)1/50 (2%)1/50 (2%)0/50 2/50 (0%)2/50 (4%)1/50 (2%)0/50 (0%)1/50 (2%)(4%)3/50 (6%)0/50 (0%)Overall Incidence Total 31/950 (3.26%) Mean 3.26% SD 2.33% Total 10/950 (1.05%) Mean 1.05% SD 1.39% #Intestine Small: Site Unspecified: 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%)(0%)0/50 (0%)0/50 0/50 0/50 (0%)0/50 (0%) 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%)

SD 0%

Mean 0%

1/950 (0.11%)

Total

Total

0/950 (0%)

Overall Incidence

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Report Date: 05/24/2013

SD 0.46%

Mean 0.11%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
Intestine Small: Site Uns Leiomyosarcoma	specified:							
		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%)	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%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	3/950 (0.32%)	Mean 0.32%	SD 0.75%
Intestine Small: Site Uns Polyp Adenomatous								
		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%)	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	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
Islets, Pancreatic: Adenoma					•			
		4/50 (8%)	0/48 (0%)	0/49 (0%)		1/48 (2%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	1/50 (2%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		1/50 (2%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
		2/50 (4%)	2/50 (4%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/49 (2%)	1/50 (2%)	0/50 (0%)		0/48 (0%)	1/50 (2%)	0/50 (0%)
		2/49 (4%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	2/49 (4%)	1/50 (2%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	21/945 (2.22%)	Mean 2.22%	SD 2.1%	Total	9/944 (0.95%)	Mean 0.96%	SD 1.24%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
Islets, Pancreatic:								
		0/50 (0%)	0/48 (0%)	0/49 (0%)		0/48 (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%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	1/50 (2%)	0/50 (0%)		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)				0/49 (0%)		
verall Incidence	Total	4/945 (0.42%)	Mean 0.42%	SD 0.84%	Total	0/944 (0%)	Mean 0%	SD 0%
slets, Pancreatic: Carcinoma or Adenom								
		4/50 (8%)	0/48 (0%)	0/49 (0%)		1/48 (2%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		2/50 (4%)	1/50 (2%)	0/50 (0%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
		2/50 (4%)	2/50 (4%)	2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		1/49 (2%)	2/50 (4%)	0/50 (0%)		0/48 (0%)	1/50 (2%)	0/50 (0%)
		2/49 (4%)	0/50 (0%)	2/50 (4%)		0/50 (0%)	2/49 (4%)	1/50 (2%)
		0/50 (0%)				0/49 (0%)		
verall Incidence	Total	25/945 (2.65%)	Mean 2.64%	SD 2.22%	Total	9/944 (0.95%)	Mean 0.96%	SD 1.24%
Kidney: Pelvis and Tran Carcinoma		um:						
		0/50 (0%)	0/49 (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%)	0/48 (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%)
		0/49 (0%)	0/48 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)		00.00		0/50 (0%)		05 0 1001
verall Incidence	Total	0/944 (0%)	Mean 0%	SD 0%	Total	1/947 (0.11%)	Mean 0.11%	SD 0.46%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			M	lale .						F	emale		
*Kidney: Pelvis and Transitional Epithelium: *Carcinoma or Adenoma** **Garcinoma or Adenoma** **Garcinoma** **Garcinoma** **Garcinoma or Adenoma** **Garcinoma** **Garcinoma													
		0/50 (0%	0/49	(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	
		0/50 (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%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/49 (0%	0/48	(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50 (0%)					0/50	(0%)				
		, ,		%	SD 0%		Total	1/947 (0.	11%)	Mean	0.11%	SD 0.	.46%
Kidney: Renal Tubule:													
		0/50 (0%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	
		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%)		` '
		0/50 (0%)	0/50	(0%)	0/50	` '		0/49	(0%)	0/50	(0%)		
		`	•	(4%)	0/50	(0%)			(0%)	0/49	(0%)	0/50	(0%)
		2/50 (4%))						` '				
		, ,		6%	SD 1.41%	6	Total	0/947 (0)%)	Mea	n 0%	SD	0%
Kidney: Renal Tubule:													
		0/50 (0%)		(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%		(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		2/50 (4%)	•	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%		(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50 (0%	•	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/49 (0%	•	(0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50 (0%						0/50	(0%)				
Overall Incidence	Total	3/944 (0.32%)	Mean 0.32	2%	SD 1%		Total	0/947 (0)%)	Mea	n 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 05/24/2013

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		Male							Female						
Kidney: Renal Tubule: Carcinoma or Adenoma							,								
		0/50	(0%)	0/49	(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%)	
		3/50	(6%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	1/48	(2%)	1/50	(2%)		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%)	
		0/49	(0%)	2/48	(4%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)	
		2/50	(4%)		` ,		` ,		0/50	(0%)		,		, ,	
verall Incidence	Total	11/944 (1.1	7%)	Mean 1		SD 1.829		Total	0/947 (0%)		n 0%	SD		
Kidney: Renal Tubule: Hemangioma															
_		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%)	1/50	(2%)		0/50	(0%)	0/50	(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%)		0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/49	(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	1/944 (0.11	1%)	Mean 0		SD 0.469		Total	0/947 (0%)		n 0%	SD		
Kidney: Renal Tubule: Hemangiosarcoma			• • • • • • • • • • • • • • • • • • • •												
		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%)	
		0/50	(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%)		0/49	(0%)	1/50	(2%)	0/50	(0%)	
		0/49	(0%)	0/48	(0%)	1/50	(2%)		0/50	(0%)	0/49	(0%)	0/50	(0%)	
		0/50	(0%)		` '		` '		0/50	(0%)		` '		` '	
verall Incidence	Total	1/944 (0.11	` ,	Mean 0	440/	SD 0.469	.,	Total	1/947 (0.	` '		0.11%	SD 0	400/	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male		Female					
*Kidney: Renal Tubule: Plasma Cell Tumor Malig	gnant									
	J	0/50 (0%)	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%)	0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%)					
		0/50 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%)	0/49 (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%)	0/48 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%) 0/50 (0%)					
		0/50 (0%)	, , , , , , , , , , , , , , , , , , , ,	0/50 (0%)						
Overall Incidence	Total	0/944 (0%)	Mean 0% SD 0%	Total 1/947 (0.11%)	Mean 0.11% SD 0.46%					
*Kidney: Renal Tubule: Sarcoma	•••••									
		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%)					
		0/50 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%)	1/49 (2%) 0/50 (0%)					
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/49 (0%)	0/50 (0%) 0/50 (0%)					
		0/49 (0%)	0/48 (0%) 0/50 (0%)	0/50 (0%)	0/49 (0%) 0/50 (0%)					
		0/50 (0%)		0/50 (0%)						
Overall Incidence	Total	0/944 (0%)	Mean 0% SD 0%	Total 1/947 (0.11%)	Mean 0.11% SD 0.47%					
*Liver: 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%)					
		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%) 1/50 (2%)					
		0/50 (0%)	0/50 (0%) 2/50 (4%)	0/49 (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%)		0/49 (0%)						
Overall Incidence	Total	4/949 (0.42%)	Mean 0.42% SD 1.26%	Total 1/948 (0.11%)	Mean 0.11% SD 0.46%					

Page: 32

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male			Female					
Liver: Hemangiosarcoma											
riomangiocarooma		2/50 (4%)	1/50 (2%)	4/50 (8%)		1/50 (2%)	0/50 (0%)	2/50 (4%)			
		2/50 (4%)	9/50 (18%)	2/50 (4%)		1/50 (2%)	0/50 (0%)	0/50 (0%)			
		3/50 (6%)	4/50 (8%)	5/50 (10%)		1/50 (2%)	0/50 (0%)	1/50 (2%)			
		0/50 (0%)	4/50 (8%)	6/50 (12%)		0/50 (0%)	1/50 (2%)	0/50 (0%)			
		5/50 (10%)	3/50 (6%)	0/50 (0%)		2/49 (4%)	1/50 (2%)	0/50 (0%)			
		1/49 (2%)	2/50 (4%)	2/50 (4%)		2/50 (4%)	0/50 (0%)	1/50 (2%)			
		1/50 (2%)	,	,		2/49 (4%)	, ,	,			
verall Incidence	Total	56/949 (5.9%)	Mean 5.9%	SD 4.49%	Total	15/948 (1.58%)	Mean 1.59%	SD 1.59%			
Liver: Hepatoblastoma											
•		3/50 (6%)	1/50 (2%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		1/50 (2%)	3/50 (6%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	0/50 (0%)			
		2/50 (4%)	3/50 (6%)	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%)			
		6/50 (12%)	4/50 (8%)	2/50 (4%)		1/49 (2%)	1/50 (2%)	0/50 (0%)			
		0/49 (0%)	5/50 (10%)	1/50 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		4/50 (8%)				0/49 (0%)					
verall Incidence	Total	40/949 (4.21%)	Mean 4.21%	SD 3.46%	Total	4/948 (0.42%)	Mean 0.42%	SD 0.84%			
Liver: Hepatocellular Adenoma											
		24/50 (48%)	30/50 (60%)	28/50 (56%)		13/50 (26%)	19/50 (38%)	19/50 (38%)			
		28/50 (56%)	31/50 (62%)	34/50 (68%)		14/50 (28%)	17/50 (34%)	21/50 (42%)			
		35/50 (70%)	26/50 (52%)	27/50 (54%)		12/50 (24%)	7/50 (14%)	8/50 (16%)			
		24/50 (48%)	31/50 (62%)	29/50 (58%)		14/50 (28%)	30/50 (60%)	17/50 (34%)			
		33/50 (66%)	39/50 (78%)	32/50 (64%)		38/49 (78%)	30/50 (60%)	13/50 (26%)			
		33/49 (67%)	34/50 (68%)	37/50 (74%)		14/50 (28%)	34/50 (68%)	25/50 (50%)			
		39/50 (78%)				33/49 (67%)					
Overall Incidence	Total	594/949 (62.59%)	Mean 62.6%	SD 9.07%	Total	378/948 (39.87%)	Mean 39.94%	SD 18.65%			

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Species: MICE Strain: B6C3F1 Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male		Female							
Liver:												
Hepatocellular Carcinor	na											
		16/50 (32%)	15/50 (30%)	25/50 (50%)		3/50 (6%)	5/50 (10%)	10/50 (20%)				
		20/50 (40%)	22/50 (44%)	14/50 (28%)		4/50 (8%)	9/50 (18%)	2/50 (4%)				
		15/50 (30%)	12/50 (24%)	20/50 (40%)		5/50 (10%)	6/50 (12%)	3/50 (6%)				
		11/50 (22%)	28/50 (56%)	22/50 (44%)		10/50 (20%)	23/50 (46%)	6/50 (12%)				
		26/50 (52%)	20/50 (40%)	11/50 (22%)		11/49 (22%)	17/50 (34%)	2/50 (4%)				
		11/49 (22%)	22/50 (44%)	26/50 (52%)		7/50 (14%)	12/50 (24%)	8/50 (16%)				
		12/50 (24%)				9/49 (18%)						
verall Incidence	Total	348/949 (36.67%)	Mean 36.66%	SD 11.44%	Total	152/948 (16.03%)	Mean 16.04%	SD 10.62%				
_iver:												
Hepatocellular Carcinor	na or Hepatob	lastoma										
•	-	18/50 (36%)	16/50 (32%)	27/50 (54%)		3/50 (6%)	5/50 (10%)	10/50 (20%)				
		20/50 (40%)	24/50 (48%)	14/50 (28%)		4/50 (8%)	10/50 (20%)	2/50 (4%)				
		17/50 (34%)	15/50 (30%)	20/50 (40%)		5/50 (10%)	6/50 (12%)	3/50 (6%)				
		11/50 (22%)	29/50 (58%)	22/50 (44%)		10/50 (20%)	23/50 (46%)	6/50 (12%)				
		26/50 (52%)	21/50 (42%)	12/50 (24%)		12/49 (24%)	18/50 (36%)	2/50 (4%)				
		11/49 (22%)	26/50 (52%)	27/50 (54%)		7/50 (14%)	12/50 (24%)	8/50 (16%)				
		15/50 (30%)	,	,		9/49 (18%)	,	,				
verall Incidence	Total	371/949 (39.09%)	Mean 39.08%	SD 11.59%	Total	155/948 (16.35%)	Mean 16.36%	SD 10.92%				
								•••••				
Liver: Hepatocellular Carcinor	na or Hepatoc	ellular Adenoma										
		33/50 (66%)	38/50 (76%)	38/50 (76%)		15/50 (30%)	24/50 (48%)	25/50 (50%)				
		40/50 (80%)	39/50 (78%)	39/50 (78%)		16/50 (32%)	20/50 (40%)	23/50 (46%)				
		40/50 (80%)	35/50 (70%)	38/50 (76%)		14/50 (28%)	12/50 (24%)	10/50 (20%)				
		32/50 (64%)	45/50 (90%)	38/50 (76%)		20/50 (40%)	38/50 (76%)	20/50 (40%)				
		45/50 (90%)	43/50 (86%)	39/50 (78%)		40/49 (82%)	35/50 (70%)	15/50 (30%)				
		37/49 (76%)	37/50 (74%)	44/50 (88%)		20/50 (40%)	37/50 (74%)	28/50 (56%)				
		42/50 (84%)	31700 (1470)	1-1/00 (00/0)		36/49 (73%)	31700 (1470)	20,00 (00,0)				
Overall Incidence	Total	742/949 (78.19%)	Mean 78.18%	SD 7.22%	Total	448/948 (47.26%)	Mean 47.32%	SD 19.3%				
veran incluence	TULAI	172/343 (10.13/0)	IVICALI / 0.10 /0	JD 1.22/0	i Ulai	440/340 (47.20%)	WEATT 41.3270	JD 18.370				

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

		Male							Female					
Liver:														
Hepatocellular Carcino	ma, Hepatocell	lular Adenoma, d	or Hepatol	blastoma										
		33/50	(66%)	38/50	(76%)	39/50	(78%)		15/50	(30%)	24/50	(48%)	25/50	(50%)
		40/50	(80%)	39/50	(78%)	39/50	(78%)		16/50	(32%)	20/50	(40%)	23/50	(46%)
		40/50	(80%)	36/50	(72%)	38/50	(76%)		14/50	(28%)	12/50	(24%)	10/50	(20%)
		32/50	(64%)	45/50	(90%)	38/50	(76%)		20/50	(40%)	38/50	(76%)	20/50	(40%)
		45/50	(90%)	43/50	(86%)	39/50	(78%)		40/49	(82%)	35/50	(70%)	15/50	(30%)
		37/49	(76%)	38/50	(76%)	45/50	(90%)		20/50	(40%)	37/50	(74%)	28/50	(56%)
		42/50	(84%)						36/49	(73%)				
Overall Incidence	Total	746/949 (78.	,	Mean 78		SD 7.19		Total	448/948 (4	,		47.32%	SD 1	
Liver:											•••••			
Hepatocholangiocarcin	noma													
g		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%)	4/50	(8%)		0/50	(0%)	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%)		0/49	(0%)	0/50	(0%)	0/50	(0%)
		0/49	(0%)	2/50	(4%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		` ,		, ,		0/49	(0%)		, ,		, ,
Overall Incidence	Total	10/949 (1.0	5%) ´	Mean 1	.05%	SD 2.15	%	Total	0/948 (0%) ´	Mea	an 0%	SD	0%
			,											
Liver:														
Hepatocholangioma							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%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(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%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/49	(0%)				
Overall Incidence	Total	1/949 (0.11	l%)	Mean 0	.11%	SD 0.46	%	Total	0/948 (0%)	Mea	an 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

				Male			Female					
Liver:												
Ito Cell Tumor Benign												
		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%)		0/49 (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	1%)					0/49 (0%)				
verall Incidence	Total	1/949 (0.11%)	Mean 0		SD 0.46%		Total	0/948 (0%)	Mean 0%	SD 0%		
Liver:												
Mast Cell Tumor Maligna	ant											
		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%)	0/50	(0%)		0/49 (0%)	0/50 (0%)	0/50 (0%)		
		0/49 (0	0%) 0/50	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)		
		0/50 (0	1%)					0/49 (0%)				
verall Incidence	Total	0/949 (0%)	Mean		SD 0%		Total	1/948 (0.11%)	Mean 0.11%	SD 0.46%		
Liver:												
Plasma Cell Tumor Malig	gnant											
		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%)		0/49 (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)%)	, ,				0/49 (0%)	, ,	, ,		
Overall Incidence	Total	0/949 (0%)	Mean	0%	SD 0%		Total	1/948 (0.11%)	Mean 0.11%	SD 0.46%		

^{*:} Denominator is number of animals with tissues examined microscopically

Page: 36

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
Liver:								
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%)	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%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/49 (0%)		
verall Incidence	Total	0/949 (0%)	Mean 0%	SD 0%	Total	1/948 (0.11%)	Mean 0.11%	SD 0.46%
_ung:								
Alveolar/Bronchiolar Ad	denoma							
		7/50 (14%)	6/50 (12%)	7/50 (14%)		3/50 (6%)	1/50 (2%)	3/49 (6%)
		4/50 (8%)	8/50 (16%)	9/50 (18%)		2/50 (4%)	0/50 (0%)	6/50 (12%)
		12/50 (24%)	4/50 (8%)	9/50 (18%)		5/50 (10%)	1/50 (2%)	2/50 (4%)
		5/50 (10%)	8/50 (16%)	11/50 (22%)		1/50 (2%)	1/50 (2%)	2/50 (4%)
		6/50 (12%)	12/50 (24%)	6/50 (12%)		5/50 (10%)	2/50 (4%)	5/50 (10%)
		10/50 (20%)	1/50 (2%)	7/50 (14%)		6/50 (12%)	3/50 (6%)	3/50 (6%)
		13/50 (26%)				3/50 (6%)		
verall Incidence	Total	145/950 (15.26%)	Mean 15.26%	SD 6.23%	Total	54/949 (5.69%)	Mean 5.69%	SD 3.61%
Lung:								
Alveolar/Bronchiolar Ca	arcinoma							
		6/50 (12%)	8/50 (16%)	11/50 (22%)		1/50 (2%)	0/50 (0%)	5/49 (10%)
		12/50 (24%)	11/50 (22%)	3/50 (6%)		3/50 (6%)	1/50 (2%)	1/50 (2%)
		2/50 (4%)	4/50 (8%)	2/50 (4%)		1/50 (2%)	2/50 (4%)	2/50 (4%)
		8/50 (16%)	7/50 (14%)	2/50 (4%)		4/50 (8%)	3/50 (6%)	0/50 (0%)
		9/50 (18%)	4/50 (8%)	4/50 (8%)		7/50 (14%)	2/50 (4%)	1/50 (2%)
		11/50 (22%)	12/50 (24%)	9/50 (18%)		0/50 (0%)	2/50 (4%)	1/50 (2%)
		7/50 (14%)				2/50 (4%)		
verall Incidence	Total	132/950 (13.89%)	Mean 13.89%	SD 7.1%	Total	38/949 (4%)	Mean 4.01%	SD 3.61%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male						ı	Female		
Lung:														
Alveolar/Bronchiolar C	arcinoma or Al											.	_,	
			(26%)	13/50	(26%)	16/50	(32%)		4/50	(8%)	1/50	(2%)	8/49	(16%)
			(30%)	17/50	(34%)	12/50	(24%)		5/50	(10%)	1/50	(2%)	7/50	(14%)
		14/50	(28%)	8/50	(16%)	11/50	(22%)		6/50	(12%)	3/50	(6%)	4/50	(8%)
		13/50	(26%)	14/50	(28%)	13/50	(26%)		4/50	(8%)	4/50	(8%)	2/50	(4%)
		14/50	(28%)	15/50	(30%)	10/50	(20%)		11/50	(22%)	4/50	(8%)	6/50	(12%)
			(40%)	13/50	(26%)	13/50	(26%)		6/50	(12%)	5/50	(10%)	4/50	(8%)
		19/50	(38%)						5/50	(10%)				
Overall Incidence	Total	263/950 (27.6	88%)	Mean 27	7.68%	SD 5.719	%	Total	90/949 (9	.48%)	Mean	9.49%	SD 4	.78%
Lung:														
Hemangiosarcoma		0/50	(0%)	0/50	(00/)	0/50	(0%)		0/50	(00/)	0/50	(00/)	0/49	(00/)
		0/50	(0%)	0/50 1/50	(0%) (2%)	0/50	(0%)		1/50	(0%) (2%)	0/50	(0%) (0%)	0/49	(0%) (0%)
					` ,		` '			` '		` '		
		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%)
		2/50	(4%)	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%)				
Overall Incidence	Total	5/950 (0.53		Mean 0	.53%	SD 1.129	%	Total	3/949 (0.	32%)	Mean	0.32%	SD 0	.75%
Lung:														
Plasma Cell Tumor Ma	lignant													
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		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	0/950 (0%	5)	Mean	0%	SD 0%		Total	1/949 (0.	11%)	Mean	0.11%	SD 0	.46%

^{*:} Denominator is number of animals with tissues examined microscopically

Page: 38

^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
#Lymph Node:								
Plasma Cell Tumor Maligr	nant							
		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%)	0/50 (0%)	0/50 (0%)
		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	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
#Lymph Node, Bronchial:								
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%)		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%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
#Lymph Node, Mandibular: Hemangiosarcoma								
J		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	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	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Lymph Node, Mandibular: Mast Cell Tumor Maligna							,							
		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%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		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	1/950 (0.11%	b)	Mean 0	.11%	SD 0.469	%	Total	1/950 (0.	11%)	Mean	0.11%	SD 0.	.46%
Lymph Node, Mandibular:	1													
Plasma Cell Tumor Malig	nant	0/50	(00()	0/50	(00()	0/50	(00/)		4/50	(00()	0/50	(00/)	0/50	(00/)
			(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
			(0%) (0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			` '	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%) (0%)	0/50	(0%) (0%)	0/50	(0%)		0/50 0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	0/50 0/50	(0%)		0/50	(0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%)
			` '	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
	-		(0%)		00/	05.00/		.		(0%)		0.440/	00.0	400/
Overall Incidence	Total	0/950 (0%)		Mean		SD 0%		Total	1/950 (0.	,		0.11%	SD 0.	.46%
Lymph Node, Mediastinal: Mast Cell Tumor Maligna														
_		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%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(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%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)		` '		` '		0/50	(0%)		` '		` '
Overall Incidence	Total	0/950 (0%)	. ,	Mean	00/	SD 0%		Total	1/950 (0.	. ,	Maan	0.11%	SD 0.	160/

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

				Male					Female	
Lymph Node, Mesenteric Hemangiosarcoma	:									
ū		0/50 (0%	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%)	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%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	o)					0/50 (0%)		
verall Incidence	Total	3/950 (0.32%)	Mean 0		SD 0.759		Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
ymph Node, Mesenteric	:									
Plasma Cell Tumor Mali	gnant	4/50 /00) 0/50	(00()	0/50	(00()		4/50 (00()	0/50 (00/)	0(50 (00()
		1/50 (2%	,	(0%)	0/50	(0%)		1/50 (2%)	0/50 (0%)	0/50 (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%)
		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%)
		0/50 (0%	,	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	,					0/50 (0%)		
verall Incidence	Total	1/950 (0.11%)	Mean 0		SD 0.469		Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
Mammary Gland: Adenoma										
		0/50 (0%	0/50	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	o) 0/50	(0%)	0/50	(0%)		0/50 (0%)	0/50 (0%)	1/50 (2%)
		0/50 (0%	o) 0/50	(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%)
		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%)
		0/50 (0%))	` ,		. ,		0/50 (0%)	,	` ,
verall Incidence	Total	0/950 (0%)	Mean		SD 0%		Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female #Mammary Gland: Carcinoma 0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)2/50 (4%)1/50 (2%)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%)1/50 (2%)0/50 (0%)(0%)(0%) 0/50 (0%)0/50 0/50 2/50 (4%)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%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)(2%)1/50 **Overall Incidence** 0/950 (0%) Mean 0% SD 0% 17/950 (1.79%) Mean 1.79% SD 2.1% Total Total #Mammary Gland: Carcinoma or Adenoma 0/50 0/50 (0%)0/50 (0%)(2%)2/50 (4%)1/50 (2%)(0%)1/50 0/50 (0%)0/50 (0%)0/50 (0%)4/50 (8%)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%) 0/50 (0%) 2/50 (4%)1/50 0/50 2/50 (4%)(2%)0/50 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%)1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)1/50 (2%)**Overall Incidence** Total 0/950 (0%) Mean 0% SD 0% Total 18/950 (1.89%) Mean 1.89% SD 2.05% #Mammary Gland: Fibroadenoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(2%)(0%)0/50 (0%)0/50 1/50 0/50 0/50 (0%)0/50 (0%) 0/50 (0%)**Overall Incidence** 0/950 (0%) SD 0% 1/950 (0.11%) SD 0.46% Total Mean 0% Total Mean 0.11%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female #Mammary Gland: Fibroma, Fibroadenoma 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%)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%)(0%)0/50 0/50 (0%)0/50 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)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** 0/950 (0%) Mean 0% SD 0% 2/950 (0.21%) Mean 0.21% SD 0.63% Total Total #Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma 0/50 (0%)0/50 (0%)2/50 (4%)1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)5/50 (10%)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%) 0/50 (0%) 2/50 (4%)1/50 0/50 2/50 (4%)(2%)0/50 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%)1/50 (2%)0/50 (0%)1/50 (2%)(0%) 0/50 1/50 (2%)Overall Incidence Total 0/950 (0%) Mean 0% SD 0% Total 19/950 (2%) Mean 2% SD 2.4% #Mesentery: 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%)(0%)0/50 (0%)0/50 0/50 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%)**Overall Incidence** 1/950 (0.11%) 0/950 (0%) SD 0% Total Mean 0.11% SD 0.46% Total Mean 0%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male				Female	
#Mesentery:								
Hemangiosarcoma		0/50 /00/	\ 0/50 (00()	0/50	(00/)	0/50 (00/)	4/50 (00/)	0/50 (00/)
		0/50 (0% 1/50 (2%			(0%)	0/50 (0%) 2/50 (4%)	1/50 (2%) 0/50 (0%)	0/50 (0%) 0/50 (0%)
		1/50 (2% 0/50 (0%	, , ,		(0%) (0%)	` '	` '	` '
		0/50 (0%	, , ,		(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%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	, , ,		(0%)	1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	, , ,	0/30	(070)	1/50 (2%)	0/30 (0 /0)	0/30 (0/0)
Overall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	5/950 (0.53%)	Mean 0.53%	SD 1.12%
		, ,				` ,		
Mesentery:								
Lipoma								
		0/50 (0%	, , ,		(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%	, , ,		(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%	, , ,		(0%)	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	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	0/950 (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%)	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%	, , ,		(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%	, , ,		(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%	, , ,		,	0/50 (0%)	()	` '
Overall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	0/950 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female *Nose: 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%)1/48 (2%)0/50 (0%)0/50 (0%)(0%)(0%)0/50 0/50 (0%)0/50 0/49 0/50 (0%)0/50 (0%)(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%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** SD 0% 1/947 (0.11%) Mean 0.11% SD 0.48% Total 0/948 (0%) Mean 0% Total *Nose: Hemangiosarcoma 0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)(0%)(0%)0/50 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%)0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%) 0/49 (0%) 0/50 (0%)0/50 0/50 0/50 (0%)(0%)1/50 (2%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 0/50 0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 1/948 (0.11%) Mean 0.11% SD 0.46% Total 0/947 (0%) Mean 0% SD 0% **#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):** Papilloma Squamous or Papilloma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)0/50 (0%)0/50 0/50 0/50 (0%)0/50 (0%) 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)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** 0/950 (0%) SD 0% 1/950 (0.11%) SD 0.46% Total Mean 0% Total Mean 0.11%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
Oral Cavity (Oral Mucosa Squamous Cell Carcino		/nx, Tooth, Gingiva):						
·		0/50 (0%)	0/50 (0%)	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%)	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%)		
verall Incidence	Total	0/950 (0%)	Mean 0%	SD 0%	Total	2/950 (0.21%)	Mean 0.21%	SD 0.63%
Oral Cavity (Oral Mucosa Squamous Cell Carcino		quamous, or Papilloma	0/50 (00/)	2/22 (221)		2(52 (534)	2/52 (224)	2(72 (224)
		0/50 (0%)	0/50 (0%)	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%)	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%)		
verall Incidence	Total	0/950 (0%)	Mean 0%	SD 0%	Total	3/950 (0.32%)	Mean 0.32%	SD 1%
Oral Mucosa: Squamous Cell Carcino	ma							
		0/50 (0%)	0/50 (0%)	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%)	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%)		
verall Incidence	Total	0/950 (0%)	Mean 0%	SD 0%	Total	2/950 (0.21%)	Mean 0.21%	SD 0.63%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: Choriocarcinoma 1/48 (2%)0/50 (0%)0/48 (0%)(2%)0/49 (0%)1/50 0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 0/50 (0%)0/49 (0%)(0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/47 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** 2/939 (0.21%) Mean 0.21% SD 0.64% Total *Ovary: Cystadenocarcinoma 0/48 (0%)0/50 (0%)0/48 (0%)0/49 (0%)0/50 0/50 (0%)(0%)1/50 (2%)0/50 (0%)0/49 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 0/49 (0%)0/50 (0%)(0%)0/50 0/50 (0%)1/47 (2%)(0%)0/50 (0%)**Overall Incidence** Total 2/939 (0.21%) Mean 0.22% SD 0.65% *Ovary: Cystadenoma (4%)2/48 3/50 (6%)1/48 (2%)3/49 (6%)2/50 (4%)7/50 (14%)3/50 (6%)1/50 (2%)5/49 (10%)1/50 2/50 (4%)1/49 (2%)(2%)3/49 (6%)2/50 (4%)2/50 (4%)2/50 (4%)1/47 (2%)1/50 (2%)1/50 (2%)**Overall Incidence** 43/939 (4.58%) Mean 4.57% SD 3.13% Total

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: **Granulosa Cell Tumor Benign** 0/48 (0%)0/50 (0%)0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 1/50 (2%)0/49 (0%)(0%)0/49 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/47 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** 2/939 (0.21%) Mean 0.21% SD 0.63% Total Granulosa Cell Tumor: Benign, Malignant, NOS 0/48 (0%)0/50 (0%)0/48 (0%)0/49 (0%)0/50 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/49 (0%)1/50 (2%)0/49 (0%)0/50 (0%)0/50 0/49 (0%)1/50 (2%)(0%)0/50 0/50 (0%)0/47 (0%)(0%)0/50 (0%)**Overall Incidence** Total 2/939 (0.21%) Mean 0.21% SD 0.63% *Ovary: Hemangioma 0/48 (0%)0/50 (0%)0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 0/50 (0%)0/49 (0%)(0%)0/49 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/47 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** SD 0.46% Total 1/939 (0.11%) Mean 0.11%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Ovary: Hemangiosarcoma 0/48 (0%)0/50 (0%)0/48 (0%)(2%)1/49 (2%)1/50 0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 0/50 (0%)0/49 (0%)(0%)0/49 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/47 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** 3/939 (0.32%) Mean 0.32% SD 0.75% Total *Ovary: Luteoma 0/48 (0%)1/50 (2%)0/48 (0%)0/49 (0%)0/50 0/50 (0%)(0%)0/50 (0%)0/50 (0%)1/49 (2%)1/50 (2%)0/49 (0%)0/50 (0%)0/50 0/49 (0%)0/50 (0%)(0%)1/50 1/50 (2%)0/47 (0%)(2%)0/50 (0%)**Overall Incidence** Total 5/939 (0.53%) Mean 0.53% SD 0.91% **Plasma Cell Tumor Malignant** (0%) 1/48 (2%)0/50 0/48 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 0/50 (0%)0/49 (0%)(0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/47 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** 1/939 (0.11%) SD 0.48% Total Mean 0.11%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male			Female	
Ovary: Sarcoma				
		0/48 (0%)	0/50 (0%)	0/48 (0%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/47 (0%)	0/50 (0%)
		0/50 (0%)		
Overall Incidence	Total	1/939 (0.11%)	Mean 0.11%	SD 0.46%
Ovary: Teratoma Benign				
		0/48 (0%)	0/50 (0%)	0/48 (0%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/47 (0%)	0/50 (0%)
		0/50 (0%)		
Overall Incidence	Total	1/939 (0.11%)	Mean 0.11%	SD 0.46%
Ovary: Teratoma Malignant				
		0/48 (0%)	0/50 (0%)	0/48 (0%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/47 (0%)	0/50 (0%)
		0/50 (0%)		
Overall Incidence	Total	1/939 (0.11%)	Mean 0.11%	SD 0.46%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
*Ovary: Tubulostromal Adenom	ıa							
						0/48 (0%)	0/50 (0%)	0/48 (0%)
						0/49 (0%)	0/50 (0%)	0/50 (0%)
						0/50 (0%)	1/50 (2%)	0/49 (0%)
						0/50 (0%)	0/49 (0%)	1/50 (2%)
						0/49 (0%)	0/50 (0%)	0/50 (0%)
						0/50 (0%)	0/47 (0%)	0/50 (0%)
						0/50 (0%)		
Overall Incidence					Total	2/939 (0.21%)	Mean 0.21%	SD 0.63%
*Ovary: Yolk Sac Carcinoma								
YOR Sac Carcinoma						0/40 (00/)	0/50 (00/)	4/49 (20/)
						0/48 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%)	1/48 (2%) 0/50 (0%)
						0/49 (0%)	0/50 (0%)	0/50 (0%) 0/49 (0%)
						0/50 (0%)	0/49 (0%)	0/49 (0%)
						0/49 (0%)	0/49 (0%)	0/50 (0%)
						0/50 (0%)	0/47 (0%)	0/50 (0%)
						0/50 (0%)	0/47 (070)	0/00 (0/0)
Overall Incidence					Total	1/939 (0.11%)	Mean 0.11%	SD 0.48%
······								
*Pancreas: Carcinoma								
		0/50 (0%)	1/48 (2%)	0/50 (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%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (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%)		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	1/50 (2%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	2/945 (0.21%)	Mean 0.21%	SD 0.64%	Total	1/943 (0.11%)	Mean 0.11%	SD 0.46%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male				Female	
*Pancreas:								
Carcinoma or Adenom	a							
		0/50 (0%)	1/48 (2%)	0/50 (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%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (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%)		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	1/50 (2%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	1/50 (2%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	2/945 (0.21%)	Mean 0.21%	SD 0.64%	Total	1/943 (0.11%)	Mean 0.11%	SD 0.46%
Pituitary Gland: Pars Dis								
		0/48 (0%)	1/46 (2%)	0/47 (0%)		2/49 (4%)	5/46 (11%)	3/47 (6%)
		0/50 (0%)	0/49 (0%)	1/50 (2%)		10/50 (20%)	4/50 (8%)	1/50 (2%)
		1/49 (2%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	3/49 (6%)	2/50 (4%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)		5/50 (10%)	5/47 (11%)	0/48 (0%)
		0/47 (0%)	0/50 (0%)	0/50 (0%)		4/50 (8%)	4/50 (8%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		6/49 (12%)	7/49 (14%)	8/50 (16%)
		0/50 (0%)				2/49 (4%)		
Overall Incidence	Total	3/933 (0.32%)	Mean 0.33%	SD 0.78%	Total	72/933 (7.72%)	Mean 7.72%	SD 5.46%
*Pituitary Gland: Pars Dis Carcinoma								
		0/48 (0%)	0/46 (0%)	0/47 (0%)		0/49 (0%)	1/46 (2%)	0/47 (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%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/47 (0%)	0/48 (0%)
		0/47 (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%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/933 (0%)	Mean 0%	SD 0%	Total	1/933 (0.11%)	Mean 0.11%	SD 0.5%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female *Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma 0/48 (0%)1/46 (2%)0/47 (0%)2/49 (4%)6/46 (13%)3/47 (6%)0/50 (0%)0/49(0%)1/50 (2%)10/50 (20%)4/50 (8%)1/50 (2%)1/49 (2%)0/50 (0%)0/49 (0%)0/50 (0%)3/49 (6%)2/50 (4%)0/50 (0%)(0%)(0%)0/49 0/50 5/50 (10%)5/47 0/48 (0%)(11%)0/47 (0%)0/50 (0%)0/50 (0%)4/50 (8%)4/50 (8%)1/50 (2%)0/50 (0%)0/50 (0%)0/49 (0%)6/49 (12%)7/49 (14%)8/50 (16%)0/50 (0%)(4%)2/49 **Overall Incidence** 3/933 (0.32%) Mean 0.33% SD 0.78% 73/933 (7.82%) Mean 7.84% SD 5.55% Total Total *Pituitary Gland: Pars Intermedia: Adenoma 0/48 0/46 (0%)0/47 (0%)0/49 (0%)0/46 (0%)0/47 (0%)(0%)0/50 (0%)0/49 (0%)0/50 (0%)2/50 (4%)1/50 (2%)1/50 (2%)0/49 (0%)0/50 (0%)1/49 (2%)0/50 (0%)1/49 (2%)1/50 (2%)0/50 (0%) (0%) 0/50 (0%) 0/48 0/49 0/50 (0%)0/47 (0%)(0%)0/50 0/47 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)1/49 (2%)1/49 (2%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 (0%)Overall Incidence Total 2/933 (0.21%) Mean 0.21% SD 0.64% Total 7/933 (0.75%) Mean 0.74% SD 1.2% *Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma 0/48(0%)0/46 (0%)0/47 (0%)0/49 (0%)0/46 (0%)0/47 (0%)0/50 (0%)(0%)0/50 (0%)2/50 (4%)(2%)1/50 (2%)0/49 1/50 0/49 (0%)0/50 (0%) 1/49 (2%) 0/50 (0%)1/49 (2%)1/50 (2%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/47 (0%)0/48 (0%)0/47 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/49 (2%)1/49 (2%)0/49 (0%)0/50 (0%)0/49 0/50 (0%)(0%)**Overall Incidence** 2/933 (0.21%) Mean 0.21% 7/933 (0.75%) Total SD 0.64% Total Mean 0.74% SD 1.2%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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Report Date: 05/24/2013

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male				Female	
Salivary Glands:								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/49 (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%)	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%)	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%)				0/48 (0%)		
Overall Incidence	Total	1/949 (0.11%)	Mean 0.11%	SD 0.46%	Total	1/945 (0.11%)	Mean 0.11%	SD 0.46%
Salivary Glands:		•••••	• • • • • • • • • • • • • • • • • • • •					
Carcinoma or Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/49 (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%)	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%)	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%)				0/48 (0%)		
Overall Incidence	Total	1/949 (0.11%)	Mean 0.11%	SD 0.46%	Total	1/945 (0.11%)	Mean 0.11%	SD 0.46%
Salivary Glands: Hemangiosarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/49 (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%)	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%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	. ,	. ,		0/48 (0%)	, ,	, ,
Overall Incidence	Total	1/949 (0.11%)	Mean 0.11%	SD 0.46%	Total	0/945 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female *Salivary Glands: **Mast Cell Tumor Malignant** 0/50 (0%)0/49 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)(0%)(0%)0/50 0/50 (0%)0/50 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/48 **Overall Incidence** 1/949 (0.11%) Mean 0.11% SD 0.46% 0/945 (0%) Mean 0% SD 0% Total Total *Salivary Glands: Myxoma 0/50 (0%)0/49 (0%)0/50 (0%)0/49 (0%)0/50 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/49 (0%)0/50 (0%)(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 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 1/50 (0%)0/50 0/50 (0%)(0%)0/50 (0%)(2%)0/50 (0%)0/48 (0%)**Overall Incidence** Total 0/949 (0%) Mean 0% SD 0% Total 1/945 (0.11%) Mean 0.11% SD 0.46% **#Seminal Vesicle:** Adenoma 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%)**Overall Incidence** 1/950 (0.11%) Mean 0.11% Total SD 0.46%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
#Skeletal Muscle: Hemangiosarcoma								
· ·		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%)	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%)	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%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				1/50 (2%)		
verall Incidence	Total	5/950 (0.53%)	Mean 0.53%	SD 1.12%	Total	5/950 (0.53%)	Mean 0.53%	SD 0.9%
Skeletal Muscle:								
Rhabdomyosarcoma								
		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%)		2/50 (4%)	0/50 (0%)	3/50 (6%)
		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%)		
verall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	6/950 (0.63%)	Mean 0.63%	SD 1.64%
Skeletal Muscle: Rhabdomyosarcoma o	r Dhahdamyami							
Miabuoniyosarconia o	i Kilabuolilyolila	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%)		2/50 (4%)	0/50 (0%)	3/50 (6%)
		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%)	0,00 (0,70)	(070)		0/50 (0%)	0,00 (0,0)	3,30 (0,0)
verall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	6/950 (0.63%)	Mean 0.63%	SD 1.64%
eran moluence	i Ulai	1/330 (0.11/0)	IVICALL U. L. 1 /0	JD 0.40/0	i Ulai	0/300 (0.00/0)	WEATT 0.03/0	JD 1.04/0

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

					Male						F	emale		
#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%)	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%)		0/50	(0%)	2/50	(4%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
verall Incidence	Total	1/950 (0.11	,	Mean 0		SD 0.469		Total	3/950 (0.			0.32%	SD	
Skin:														
Basal Cell 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%)	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%)	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%)				
verall Incidence	Total	0/950 (0%	%)	Mean	0%	SD 0%		Total	2/950 (0.	21%)	Mean	0.21%	SD 0.	.63%
 Skin:														
Basal Cell Carcinoma	or Basosquamou	ıs Tumor (malio	gnant or N	OS)										
	·	0/50	(0%)	0/50	(0%)	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%)	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%)		` '		` ,
Verall Incidence	Total	0/950 (0%	` ,	Mean	00/	SD 0%		Total	2/950 (0.	` ,		0.21%	SD 0.	000/

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

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Report Date: 05/24/2013

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #Skin: Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma 0/50 0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)0/50 (0%)0/50 (0%)0/50 (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%)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 0/950 (0%) Mean 0% SD 0% 2/950 (0.21%) Mean 0.21% SD 0.63% Total #Skin: Basal or Sq. Cell Carcinoma, Carcinoma, Basosg. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma 0/50 (0%) 0/50 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%)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%)1/50 (2%)0/50 (0%)(0%)(2%)0/50 1/50 0/50 1/50 (0%)0/50 (0%)(2%)0/50 (0%)1/50 (2%)1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 3/950 (0.32%) Mean 0.32% SD 0.75% Total 5/950 (0.53%) Mean 0.53% SD 0.9% Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma 0/50 (0%)0/50 (0%)0/50 (0%)3/50 (6%)8/50 (16%)2/50 (4%)1/50 (2%)0/50 (0%)1/50 (2%)4/50 (8%)3/50 (6%)4/50 (8%)0/50 (0%)(2%)(0%)0/50 1/50 0/50 0/50 (0%)1/50 (2%)(0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)1/50 (2%)2/50 (4%)1/50 (2%)1/50 (2%)1/50 (2%)2/50 (4%)1/50 (2%)1/50 (2%)2/50 (4%)0/50 (0%)1/50 (2%)1/50 (2%)4/50 (8%)2/50 (4%)1/50 (2%)4/50 (8%)**Overall Incidence** 11/950 (1.16%) Mean 1.16% SD 1.21% Total 43/950 (4.53%) Mean 4.53% SD 3.94% Total

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Fibrosarcoma

#Skin:

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Report Date: 05/24/2013 Route: ALL ROUTES Vehicle: ALL VEHICLES Male **Female** 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%)3/50 (6%)0/50 1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(2%)0/50 (0%)2/50 (4%)1/50 0/50 (0%)1/50 (2%)(0%) 1/50 (2%)0/50 (0%)0/50 0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)3/50 (6%)1/50 (2%)0/50 (0%).

3/50

Total

5/950 (0.53%)

(6%)

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Mean 0.53%

SD 1.47%

Overall Incidence	Total	3/950 (0.329	,	Mean 0		SD 0.759		Total	14/950 (1	,		1.47%	SD 2.	
#Skin:														
Fibrosarcoma, Sarcoma	, Myxosarcom	a, or Fibrous His	stiocytoma	a										
	-	0/50	(0%)	0/50	(0%)	0/50	(0%)		3/50	(6%)	8/50	(16%)	2/50	(4%)
		1/50	(2%)	0/50	(0%)	1/50	(2%)		4/50	(8%)	3/50	(6%)	4/50	(8%)
		0/50	(0%)	1/50	(2%)	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%)	2/50	(4%)
		1/50	(2%)	1/50	(2%)	1/50	(2%)		2/50	(4%)	1/50	(2%)	1/50	(2%)
		2/50	(4%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	4/50	(8%)	2/50	(4%)
		1/50	(2%)		, ,		, ,		4/50	(8%)		, ,		, ,
Overall Incidence	Total	11/950 (1.16	6%)	Mean 1	.16%	SD 1.219	%	Total	43/950 (4	.53%)	Mean	4.53%	SD 3.	.94%
#Skin:														
Fibrous Histiocytoma														
•		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%)		0/50	(0%)	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%)
		1/50	(2%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)

SD 0.9%

Total

0/50

0/50

0/50

0/50

0/50

0/50

0/50

1/50

5/950 (0.53%)

(2%)

Mean 0.53%

(0%)

(0%)

(0%)

(0%)

(0%)

(0%)

(0%)

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Imor Incidence for Selected Control Animal Group

Route: ALL ROUTES

Route: ALL ROUTES

Vehicle: ALL VEHICLES

					Male						F	emale		
#Skin:							·							
Granular Cell Tumor Be	enign													
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		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%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/950 (0.119	,	Mean 0		SD 0.469		Total	0/950 (,		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%)	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%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	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%)				
verall Incidence	Total	4/950 (0.429		Mean 0		SD 0.849		Total	1/950 (0.	,		0.11%	SD 0.	
Skin:														
Hemangiosarcoma														
-		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	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%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		2/50	(4%)	2/50	(4%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	0/50	(0%)		2/50	(4%)	1/50	(2%)	1/50	(2%)
		2/50	(4%)	2/50	(4%)	0/50	(0%)		0/50	(0%)	2/50	(4%)	0/50	(0%)
		1/50	(2%)						1/50	(2%)				
Overall Incidence	Total	10/950 (1.05	%)	Mean 1	05%	SD 1.399	%	Total	13/950 (1	37%)	Mean	1.37%	SD 1.	64%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

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

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					Male						F	emale		
#Skin: Keratoacanthoma							,							
		0/50 (0	(0%)	0/50	(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%)	0/50	(0%)
		0/50 (0	0%)	0/50	(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%)	1/50	(2%)
		,	0%)	0/50	(0%)	1/50	(2%)		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%)		,		,
Overall Incidence	Total	2/950 (0.21%)		Mean 0.		SD 0.639		Total	1/950 (0.	11%)		0.11%	SD 0.	
Skin:	• • • • • • • • • • • • • • • • • • • •													
Lipoma														
		0/50 (0	(0%)	0/50	(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%)	0/50	(0%)
		0/50 (0	(0%)	0/50	(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%)
		0/50 (0	0%)	0/50	(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%)	0/50	(0%)
		1/50 (2	2%)		` ,		` ,		0/50	(0%)		, ,		, ,
Overall Incidence	Total	2/950 (0.21%)	,	Mean 0.	21%	SD 0.639	%	Total	0/950 (` ,	Mea	n 0%	SD	0%
									,	,			_	
#Skin: Liposarcoma														
Liposarcoma		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%)	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%)	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%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
	-		(0%)		4.407	00 0 10	.,	.	0/50	(0%)		00/	05	201
Overall Incidence	Total	1/950 (0.11%)		Mean 0.	11%	SD 0.469	%	Total	0/950 (J%)	Mea	n 0%	SD	υ%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

				Male						F	emale		
#Skin:													
Mast Cell Tumor Benign													
		,	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%)	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%)	1/50	(2%)	0/50	(0%)
		,	(0%) 0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		,	(0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		,	(0%)					0/50	(0%)				
verall Incidence	Total	0/950 (0%)	Mear		SD 0%		Total	2/950 (0.			0.21%	SD 0.	
Skin:													
Mast Cell Tumor Maligna	ınt												
		0/50 (0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 ((0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 ((0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	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%)				
verall Incidence	Total	1/950 (0.11%)			SD 0.469		Total	0/950 (,		ın 0%	SD	
Skin:													
Melanoma Benign													
3		0/50 (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%)	0/50	(0%)
		0/50 (0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		,	2%) 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%)	0/50	(0%)
		,	0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		,	0%)	` /		` '		0/50	(0%)		` '		` '
Overall Incidence	Total	1/950 (0.11%)	'	0.110/	SD 0.469	0/	Total	1/950 (0.	` '	Moon	0.11%	SD 0.	160/

^{*:} Denominator is number of animals with tissues examined microscopically

Page: 62

^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male						F	emale		
 #Skin:														
Melanoma Malignant														
		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%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		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	1/950 (0.11	,	Mean 0		SD 0.469		Total	1/950 (0.1	,		0.11%	SD 0.	
Skin:														
Neural Crest Tumor														
		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%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	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%)				
verall Incidence	Total	1/950 (0.11	,	Mean 0		SD 0.46%		Total	2/950 (0.2	,		0.21%	SD 0.	
Skin:														
Neurofibroma or Schwar	nnoma 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%)		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%)				
verall Incidence	Total	0/950 (0%	o)	Mean	0%	SD 0%		Total	1/950 (0.1	1%)	Mean	0.11%	SD 0.	46%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Report Date: 05/24/2013

SD 0%

Mean 0%

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1 Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC Male **Female** #Skin: Neurofibrosarcoma or Schwannoma (malignant or NOS) 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%)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%)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%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(6%)0/50 3/50 1/950 (0.11%) SD 0.46% 8/950 (0.84%) Mean 0.84% SD 1.68% **Overall Incidence** Total Mean 0.11% Total #Skin: Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS) 0/50 0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)1/50 (2%)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%) 0/50 (0%) (2%)0/50 0/50 0/50 (0%)1/50 (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%)3/50 (6%)Overall Incidence Total 1/950 (0.11%) Mean 0.11% SD 0.46% Total 9/950 (0.95%) Mean 0.95% SD 1.68% #Skin: Osteosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)(0%)(0%)0/50 (0%)0/50 0/50 0/50 0/50 0/50 (0%)0/50 (0%) 1/50 (2%) 0/50 (0%)

SD 0.46%

0/950 (0%)

Total

Total

1/950 (0.11%)

Mean 0.11%

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male				Female	
Skin: Sarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	7/50 (14%)	2/50 (4%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		4/50 (8%)	3/50 (6%)	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%)	1/50 (2%)		2/50 (4%)	0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	1/50 (2%)	1/50 (2%)
		0/50 (0%)				1/50 (2%)		
verall Incidence	Total	3/950 (0.32%)	Mean 0.32%	SD 0.75%	Total	24/950 (2.53%)	Mean 2.53%	SD 3.58%
Skin: Schwannoma Benign								
J		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	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%)		
verall Incidence	Total	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
Skin: Schwannoma 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%)	1/50 (2%)		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%)	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%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				3/50 (6%)		
verall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	8/950 (0.84%)	Mean 0.84%	SD 1.68%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #Skin: Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 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%) 0/50 (0%)0/50 0/50 (0%)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 0/950 (0%) Mean 0% SD 0% 2/950 (0.21%) Mean 0.21% SD 0.63% Total #Skin: **Squamous Cell Papilloma** 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)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%)(2%)0/50 (0%)1/50 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)2/950 (0.21%) **Overall Incidence** Total 1/950 (0.11%) Mean 0.11% SD 0.46% Total Mean 0.21% SD 0.63% #Skin: Squamous Cell Papilloma or Papilloma 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%)0/50 0/50 0/50 0/50 (0%)(0%)0/50 (0%)(0%)(0%)0/50 0/50 0/50 0/50 (0%)0/50 (0%)(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 0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)1/50 (2%)(0%)

SD 0.46%

0/50

2/950 (0.21%)

Total

(0%)

Mean 0.21%

SD 0.63%

Total

0/50

1/950 (0.11%)

(0%)

Mean 0.11%

Overall Incidence

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1 **Toxicology Data Management System**

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date: 05/24/2013

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

					Male						F	emale		
Skin:														
Squamous Cell Papillo	ma, Papilloma, S	Squamous Cell												
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	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%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
verall Incidence	Total	3/950 (0.32	,	Mean 0		SD 0.759		Total	3/950 (0.	,		0.32%	SD 0.	
 Ckin.														
Skin: Squamous Cell Papillo	ma Panilloma (or Koratoacanth	noma											
Oquamous och i apino	ma, r apmoma, 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%)		1/50	(2%)	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%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	1700	(270)	1700	(= /0)		0/50	(0%)	1700	(= 70)	0/00	(070)
verall Incidence	Total	3/950 (0.32	` ,	Mean 0	.32%	SD 0.759	6	Total	3/950 (0.	` ,	Mean	0.32%	SD 0.	.75%
		`	,						`	,				
Skin: Sebaceous Gland 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%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	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%)		•		•
										11%)		0.11%	SD 0.	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female #Skin: Sebaceous 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%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)0/50 0/50 (0%)0/50 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)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** 0/950 (0%) Mean 0% SD 0% 1/950 (0.11%) Mean 0.11% SD 0.46% Total Total **#Spinal Cord:** Hemangiosarcoma 0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)(0%)(0%)0/50 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%)0/50 (0%)0/50 (0%)0/50 (0%)(0%) 0/50 (0%) 0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)Overall Incidence Total 0/950 (0%) Mean 0% SD 0% Total 1/950 (0.11%) Mean 0.11% SD 0.46% *Spleen: Hemangioma 0/50 (0%)0/48 (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%)1/50 (2%)0/50 0/50 (0%)0/50 (0%) 0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/48 (0%)0/48 (0%)0/50 (0%)0/49 (0%)0/49 (0%)0/46 (0%)0/50 (0%)0/50 (0%)0/46 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/49 0/50 (0%)(0%)**Overall Incidence** 0/938 (0%) SD 0% 1/940 (0.11%) SD 0.46% Total Mean 0% Total Mean 0.11%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
*Spleen: Hemangiosarcoma														
_		1/50	(2%)	2/48	(4%)	3/50	(6%)		1/50	(2%)	1/50	(2%)	2/49	(4%)
		3/50	(6%)	0/50	(0%)	1/50	(2%)		2/50	(4%)	1/50	(2%)	0/50	(0%)
		2/50	(4%)	1/50	(2%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	3/48	(6%)	3/48	(6%)		1/50	(2%)	2/49	(4%)	0/49	(0%)
		1/46	(2%)	1/50	(2%)	1/50	(2%)		1/46	(2%)	1/50	(2%)	1/50	(2%)
		1/49	(2%)	4/49	(8%)	2/50	(4%)		1/50	(2%)	0/49	(0%)	3/50	(6%)
		2/50	(4%)		()		(/		0/49	(0%)		()		()
Overall Incidence	Total	33/938 (3.52	%)	Mean 3		SD 2.249		Total	17/940 (1	.81%)		1.81%	SD 1.	
Spleen:										• • • • • • • • • • • • • • • • • • • •				
Mast Cell Tumor Malign	ant													
_		0/50	(0%)	0/48	(0%)	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%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/49	(2%)
		0/50	(0%)	0/48	(0%)	0/48	(0%)		0/50	(0%)	0/49	(0%)	0/49	(0%)
		0/46	(0%)	0/50	(0%)	0/50	(0%)		0/46	(0%)	0/50	(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%)		(/		()		0/49	(0%)		()		()
Overall Incidence	Total	0/938 (0%	` ,	Mean	0%	SD 0%		Total	2/940 (0.	` ,	Mean	0.21%	SD 0.	64%
		•							,	,				
Spleen:	_													
Plasma Cell Tumor Mali	ignant	0/50	(00()	0/40	(00()	0/50	(00/)		4/50	(00()	0/50	(00()	0/40	(00()
		0/50	(0%)	0/48	(0%)	0/50	(0%)		1/50	(2%)	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%)	0/49	(0%)
		0/50	(0%)	0/48	(0%)	0/48	(0%)		0/50	(0%)	0/49	(0%)	0/49	(0%)
		0/46	(0%)	0/50	(0%)	0/50	(0%)		0/46	(0%)	0/50	(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%)						0/49	(0%)				
Overall Incidence	Total	0/938 (0%))	Mean	0%	SD 0%		Total	1/940 (0.	11%)	Mean	0.11%	SD 0.	46%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male						F	emale		
#Stomach, Forestomach:														
Squamous Cell Carcinon	na													
		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%)	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%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		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	5/950 (0.53	,	Mean 0		SD 1.12		Total	2/950 (0.	,		0.21%	SD 0.	.63%
Stomach, Forestomach:								• • • • • • • • • • • • • • • • • • • •						
Squamous Cell Carcinor	na or Papillom	na Squamous												
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		2/50	(4%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	2/50	(4%)	0/50	(0%)
		0/50	(0%)	2/50	(4%)	9/50	(18%)		2/50	(4%)	1/50	(2%)	3/50	(6%)
		0/50	(0%)	4/50	(8%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		0/50	(0%)	1/50	(2%)	5/50	(10%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	3/50	(6%)	1/50	(2%)		1/50	(2%)	2/50	(4%)	0/50	(0%)
		0/50	(0%)						1/50	(2%)				
verall Incidence	Total	29/950 (3.0	,	Mean 3		SD 4.68		Total	17/950 (1	,		1.79%	SD 1.	
Stomach, Forestomach:														
Squamous Cell Papillom	а													
		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%)	2/50	(4%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	8/50	(16%)		1/50	(2%)	1/50	(2%)	3/50	(6%)
			(00()	3/50	(6%)	1/50	(2%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		0/50	(0%)	0/00					0/-0			(0/50	(00()
		0/50 0/50	(0%) (0%)	1/50	(2%)	5/50	(10%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
			` ,		` '	5/50 1/50	(10%) (2%)		0/50 1/50	(0%) (2%)	1/50 2/50	(2%) (4%)	0/50 0/50	(0%)
		0/50	(0%)	1/50	(2%)		` ,			` '		` ,		, ,

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#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%)	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	0/950 (0%)		Mean		SD 0%		Total	1/950 (0.			0.11%	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%)	0/50	(0%)		0/50	(0%)	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%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/950 (0.11%	•	Mean 0.		SD 0.469		Total	1/950 (0.	,		0.11%	SD 0.	
#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%)	0/50	(0%)		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%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/950 (0.11%	5)	Mean 0.	11%	SD 0.469	%	Total	2/950 (0.	21%)	Mean	0.21%	SD 0.	63%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Testes: Adenoma 1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)1/50 (2%)(0%)(0%)0/50 (0%)0/50 0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)1/50 (2%)1/50 (2%)**Overall Incidence** 8/950 (0.84%) Mean 0.84% SD 1.01% Total *Testes: Hemangioma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%) 0/50 (0%) 0/50 (0%)0/50 (0%)0/50 (0%)0/50 1/50 (0%)0/50 (0%)(2%)0/50 (0%)Overall Incidence Total 1/950 (0.11%) Mean 0.11% SD 0.46% *Thymus: **Neoplasm NOS** 0/44 (0%)0/38 (0%)0/42 (0%)0/46 (0%)0/49 (0%)1/46 (2%)0/38 (0%)0/50 (0%) 0/47 (0%)(0%)0/50 (0%)0/48 (0%)0/47 0/44 (0%)0/49 (0%) 0/48 (0%)0/47 (0%)0/49 (0%)0/50 (0%)0/41 (0%)0/44 (0%)0/48 (0%)0/44 (0%)0/50 (0%)0/50 (0%)0/41 (0%)0/48 (0%)0/47 (0%)0/45 (0%)0/50 (0%)0/50 (0%)0/47 (0%)0/48 (0%)0/39 (0%)0/48 (0%)0/47 (0%)0/47 (0%)0/45 (0%)0/50 (0%)**Overall Incidence** 0/848 (0%) SD 0% 1/913 (0.11%) SD 0.5% Total Mean 0% Total Mean 0.11%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

					Male						F	emale		
Thymus:														
Thymoma Benign				- 1										
		0/44	(0%)	0/38	(0%)	0/42	(0%)		0/46	(0%)	0/49	(0%)	0/46	(0%)
		0/38	(0%)	0/50	(0%)	0/47	(0%)		0/47	(0%)	0/50	(0%)	0/48	(0%)
		0/44	(0%)	1/49	(2%)	0/48	(0%)		0/47	(0%)	0/49	(0%)	0/50	(0%)
		0/41	(0%)	0/44	(0%)	0/48	(0%)		0/44	(0%)	0/50	(0%)	0/50	(0%)
		0/41	(0%)	0/48	(0%)	0/47	(0%)		0/45	(0%)	0/50	(0%)	0/50	(0%)
		0/47	(0%)	0/48	(0%)	0/39	(0%)		0/48	(0%)	0/47	(0%)	0/47	(0%)
		0/45	(0%)						0/50	(0%)				
Overall Incidence	Total	1/848 (0.12	,	Mean 0		SD 0.479		Total	0/913 (,		n 0%	SD	
Thymus:														
Thymoma Malignant														
		0/44	(0%)	0/38	(0%)	0/42	(0%)		0/46	(0%)	0/49	(0%)	0/46	(0%)
		0/38	(0%)	0/50	(0%)	0/47	(0%)		0/47	(0%)	0/50	(0%)	0/48	(0%)
		0/44	(0%)	0/49	(0%)	0/48	(0%)		0/47	(0%)	0/49	(0%)	0/50	(0%)
		0/41	(0%)	0/44	(0%)	0/48	(0%)		0/44	(0%)	0/50	(0%)	0/50	(0%)
		0/41	(0%)	0/48	(0%)	0/47	(0%)		0/45	(0%)	0/50	(0%)	0/50	(0%)
		0/47	(0%)	0/48	(0%)	0/39	(0%)		0/48	(0%)	1/47	(2%)	0/47	(0%)
		0/45	(0%)						0/50	(0%)				
Overall Incidence	Total	0/848 (0%	6)	Mean	0%	SD 0%		Total	1/913 (0.	.11%)	Mean	0.11%	SD 0.	.49%
Thymus:														•••••
Thymoma: Benign, Mali	gnant. NOS													
, , , , , , , , , , , , , , , , , , , ,	3 ,	0/44	(0%)	0/38	(0%)	0/42	(0%)		0/46	(0%)	0/49	(0%)	0/46	(0%)
		0/38	(0%)	0/50	(0%)	0/47	(0%)		0/47	(0%)	0/50	(0%)	0/48	(0%)
		0/44	(0%)	1/49	(2%)	0/48	(0%)		0/47	(0%)	0/49	(0%)	0/50	(0%)
		0/41	(0%)	0/44	(0%)	0/48	(0%)		0/44	(0%)	0/50	(0%)	0/50	(0%)
		0/41	(0%)	0/48	(0%)	0/47	(0%)		0/45	(0%)	0/50	(0%)	0/50	(0%)
		0/47	(0%)	0/48	(0%)	0/39	(0%)		0/48	(0%)	1/47	(2%)	0/47	(0%)
		0/45	(0%)	3, 10	(-,-)	-, - 0	(= / = /		0/50	(0%)		\- · • /	-	(-,-)
Overall Incidence	Total	1/848 (0.12	` '	Mean 0	440/	SD 0.479	./	Total	1/913 (0.	` ,		0.11%	SD 0.	400/

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male				Female	
*Thyroid Gland: C-Cell: Carcinoma								
		0/49 (0%)	0/49 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (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%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (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%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	, ,	, ,		0/49 (0%)	, ,	, ,
Overall Incidence	Total	0/944 (0%)	Mean 0%	SD 0%	Total	1/942 (0.11%)	Mean 0.11%	SD 0.46%
*Thyroid Gland: C-Cell: Carcinoma or Adenoma								
		0/49 (0%)	0/49 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (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%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/49 (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%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/944 (0%)	Mean 0%	SD 0%	Total	1/942 (0.11%)	Mean 0.11%	SD 0.46%
*Thyroid Gland: Follicula Adenoma								
		1/49 (2%)	0/49 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	1/50 (2%)
		0/50 (0%)	0/49 (0%)	1/50 (2%)		0/50 (0%)	0/49 (0%)	0/49 (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%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		1/49 (2%)	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%)	0/49 (0%)	0/50 (0%)
		1/50 (2%)				0/49 (0%)		
Overall Incidence	Total	7/944 (0.74%)	Mean 0.74%	SD 1%	Total	2/942 (0.21%)	Mean 0.21%	SD 0.63%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

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Report Date: 05/24/2013

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male				Female	
Thyroid Gland: Follicula	ır Cell:							
		1/49 (2%)	0/49 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)	0/49 (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%)	1/49 (2%)	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%)		1/50 (2%)	0/49 (0%)	0/50 (0%)
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	1/944 (0.11%)	Mean 0.11%	SD 0.47%	Total	2/942 (0.21%)	Mean 0.21%	SD 0.64%
Thyroid Gland: Follicula Carcinoma or Adenoma	r Cell:	•••••						
		2/49 (4%)	0/49 (0%)	0/49 (0%)		0/50 (0%)	0/49 (0%)	1/50 (2%)
		0/50 (0%)	0/49 (0%)	1/50 (2%)		0/50 (0%)	0/49 (0%)	0/49 (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%)		0/50 (0%)	1/49 (2%)	0/50 (0%)
		1/49 (2%)	0/50 (0%)	0/50 (0%)		0/48 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	0/50 (0%)	0/50 (0%)		1/50 (2%)	0/49 (0%)	0/50 (0%)
		1/50 (2%)				0/49 (0%)		
Overall Incidence	Total	8/944 (0.85%)	Mean 0.85%	SD 1.23%	Total	4/942 (0.42%)	Mean 0.42%	SD 0.84%
#Tissue NOS:								
Fibrosarcoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	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	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female	
Tissue NOS: Hemangiosarcoma								
ŭ		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	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%)	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%)		
verall Incidence	Total	0/950 (0%)	Mean 0%	SD 0%	Total	2/950 (0.21%)	Mean 0.21%	SD 0.63%
Tissue NOS: Plasma Cell Tumor Mali								
Plasma Cell Tumor Mail	gnant	0/50 (09/)	0/50 (00/)	0/50 (00/)		4/50 (20/)	0/50 (00/)	0/50 (00/)
		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%)		0/50 (0%)	0/50 (0%)	0/50 (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)	0/00 (0/0)		0/50 (0%)	0/00 (0/0)	0/00 (0/0)
verall Incidence	Total	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%
Tissue NOS: 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%)	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%)		
verall Incidence	Total	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female				
#Tongue: Fibroma											
		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%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		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	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	0/950 (0%)	Mean 0%	SD 0%			
FTongue: Squamous Cell Carcinor	ma or Papillom	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)			
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%) 0/50 (0%) 0/50 (0%)	0/50 (0%) 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	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%			
#Tongue: Squamous Cell Papillom						•••••					
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		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	0/950 (0%)	Mean 0%	SD 0%	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%			

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male					
#Tooth:								
Odontoma								
		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%)	0/50 (0%)
		0/50 (0%)	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%)	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	11/950 (1.16%)	Mean 1.16%	SD 2.52%	Total	0/950 (0%)	Mean 0%	SD 0%
#Urethra:								
Hemangiosarcoma								
riomangiocarooma		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	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	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	0/950 (0%)	Mean 0%	SD 0%
'Urinary Bladder:								
Hemangiosarcoma								
		0/50 (0%)	0/47 (0%)	0/48 (0%)		0/50 (0%)	1/50 (2%)	0/49 (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%)
		1/50 (2%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)
		0/45 (0%)	0/50 (0%)	0/50 (0%)		0/44 (0%)	0/50 (0%)	0/50 (0%)
		0/49 (0%)	0/47 (0%)	0/50 (0%)		0/49 (0%)	0/48 (0%)	0/49 (0%)
		0/50 (0%)		05 0 1001		0/50 (0%)		05
Overall Incidence	Total	1/935 (0.11%)	Mean 0.11%	SD 0.46%	Total	1/937 (0.11%)	Mean 0.11%	SD 0.46%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male					Female								
Urinary Bladder:		,											
Plasma Cell Tumor Ma	lignant												
		0/50 (0%	•	0%)	0/48	(0%)		1/50	(2%)	0/50	(0%)	0/49	(0%)
		0/50 (0%	•	0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(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%)	0/49	(0%)	0/50	(0%)
		0/45 (0%	•	0%)	0/50	(0%)		0/44	(0%)	0/50	(0%)	0/50	(0%)
		0/49 (0%	'	0%)	0/50	(0%)		0/49	(0%)	0/48	(0%)	0/49	(0%)
		0/50 (0%)					0/50	(0%)				
erall Incidence	Total	0/935 (0%)	Mean 0%		SD 0%		Total	1/937 (0.	11%)	Mean	0.11%	SD 0.	46%
Adenoma								0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%)
								1/50	(2%)	0/50	(0%)	0/50	(0%)
								1/50	(2%)	0/50	(0%)	0/50	(0%)
								0/50	(0%)	0/00	(070)	0,00	(070)
verall Incidence							Total	2/950 (0.	` '	Mean	0.21%	SD 0.	63%
Iterus: Carcinoma								- /		- 1	()	- /	
								0/50	(0%)	0/50	(0%)	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%)
								1/50	(2%)	0/50	(0%)	0/50	(0%)
							+	0/50	(0%)		0.000/	00.0	750/
verall Incidence							Total	3/950 (0.	32%)	Mean	0.32%	SD 0.	75%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 05/24/2013

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Male		Female				
Uterus:						
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%)		
		1/50 (2%)	1/50 (2%)	0/50 (0%)		
		0/50 (0%)	0/50 (0%)	0/50 (0%)		
		1/50 (2%)	0/50 (0%)	1/50 (2%)		
		1/50 (2%)				
overall Incidence	Total	5/950 (0.53%)	Mean 0.53%	SD 0.9%		
Uterus:						
Leiomyoma						
·		0/50 (0%)	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	1/950 (0.11%)	Mean 0.11%	SD 0.46%		
Uterus: 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%)		
		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%)	()	(/		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female #Uterus: Polyp Stromal** 1/50 (2%)0/50 (0%)2/50 (4%)(2%)1/50 (2%)1/50 0/50 (0%)2/50 (4%)0/50 (0%)2/50 (4%)0/50 0/50 (0%)1/50 (2%)(0%)2/50 (4%)3/50 (6%)0/50 (0%)1/50 (2%)0/50 (0%)2/50 (4%)4/50 (8%) **Overall Incidence** 22/950 (2.32%) Mean 2.32% SD 2.33% Total #Uterus: Sarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 0/50 (0%)1/50 (2%)(0%)0/50 (0%)**Overall Incidence** Total 1/950 (0.11%) Mean 0.11% SD 0.46% #Uterus: Sarcoma Stromal 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(2%)0/50 (0%)1/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)2/50 (4%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 Mean 0.32% **Overall Incidence** 3/950 (0.32%) SD 1% Total

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male Female #Uterus: Sarcoma Stromal or Polyp Stromal 1/50 (2%)0/50 (0%)2/50 (4%)1/50 (2%)2/50 (4%)0/50 (0%)2/50 (4%)0/50 (0%)2/50 (4%)0/50 0/50 (0%)1/50 (2%)(0%)2/50 (4%)3/50 (6%)2/50 (4%)1/50 (2%)0/50 (0%)2/50 (4%)4/50 (8%) **Overall Incidence** 25/950 (2.63%) Mean 2.63% SD 2.31% Total #Vagina: Liposarcoma 0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 0/50 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)**Overall Incidence** Total 1/950 (0.11%) Mean 0.11% SD 0.46% #Zymbal's Gland: Carcinoma (0%) 0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%) 0/50 (0%)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%)(0%)0/50 0/50

SD 0.46%

0/950 (0%)

Total

Total

1/950 (0.11%)

Mean 0.11%

Overall Incidence

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Report Date: 05/24/2013

SD 0%

Mean 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Route: ALL ROUTES

Vehicle: ALL VEHICLES

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

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			Male			Female					
#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%)			
		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%)	()	()			
Overall Incidence	Total	1/950 (0.11%)	Mean 0.11%	SD 0.46%	Total	0/950 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied