C Number:	C00602F
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:11
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	130	144	320	342	376	515	536	541	562	584	599	677	708	712	739	739	756	757	757	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0042	0044	0074	0103	0098	0172	0211	0151	0221	0241	0268	0334	0461	0405	0453	0473	0103	0484	0106	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892	0893
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	A	A	+	+	A	+	+	A	A	+	A	A	A	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	A	+	A	+	+	A	+	+	A	A	+	+	+	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	A	A	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	A	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	A	A	+	A	A	+	+	A	A	+	+	A	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	A	A	A	A	+	+	+	A	A	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	A	A	+	+	+	+	+	A	A	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Hepatocellular Adenoma								X												X						X		X			
Hepatocellular Adenoma, Multiple																													X		
Hepatocellular Carcinoma														X					X						X			X			
Hepatocellular Carcinoma, Multiple																				X											
Mesentery																												+			
Pancreas	+	+	+	+	+	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Neoplasm Nos, Metastatic, Thymus									X																						
Sarcoma, Metastatic, Skin											X																				
Stomach															+																
Stomach, Forestomach	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	130	144	320	342	376	515	536	541	562	584	599	677	708	712	739	739	756	757	757	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0042	0044	0074	0103	0098	0172	0211	0151	0221	0241	0268	0334	0461	0405	0453	0473	0103	0484	0106	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892	0893
Stomach, Glandular	+	A	A	+	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Neoplasm Nos, Metastatic, Thymus									X																						
Endocrine System																															
Adrenal Gland, Cortex	+	M	+	+	+	+	+	+	A	A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																															
Subcapsular, Adenoma																												X			
Adrenal Gland, Medulla	+	M	+	+	+	+	+	+	A	A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	A	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	M	+	+	M	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	M	A	A	M	+	+	M	+	+	M	M	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	M	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																															
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	130	144	320	342	376	515	536	541	562	584	599	677	708	712	739	739	756	757	757	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0042	0044	0074	0103	0098	0172	0211	0151	0221	0241	0268	0334	0461	0405	0453	0473	0103	0484	0106	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892	0893
Epididymis	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Neoplasm Nos, Metastatic, Thymus									X																						
Preputial Gland	+	+	+	+	+	M	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Neoplasm Nos, Metastatic, Thymus									X																						
Seminal Vesicle	+	+	+	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																			X												
Lymph Node	+														+		+							+			+				
Axillary, Sarcoma, Metastatic, Skin																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma															X																
Neoplasm Nos									X																						
Lymph Node, Mesenteric	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Neoplasm Nos, Metastatic, Thymus									X																						
Spleen	+	A	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																			X												
Thymus	+	M	+	+	+	+	+	M	+	A	+	M	M	+	+	+	+	+	M	M	+	M	+	M	M	+	+	+	+	M	+
Neoplasm Nos									X																						
Sarcoma, Metastatic, Uncertain Primary Site											X																				

* ..Total animals with tissue examined microscopically; Total animals with tumor
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M ..Missing tissue
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BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:12
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	130	144	320	342	376	515	536	541	562	584	599	677	708	712	739	739	756	757	757	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0042	0044	0074	0103	0098	0172	0211	0151	0221	0241	0268	0334	0461	0405	0453	0473	0103	0484	0106	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892	0893
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	M	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma, Multiple																								X							
Hemangiosarcoma																															
Sarcoma							X				X	X				X								X			X				
Sarcoma, Multiple																															X
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sternum, Sarcoma, Metastatic, Uncertain Primary Site											X																				
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Neoplasm Nos, Metastatic, Thymus									X																						
Rhabdomyosarcoma														X																	
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:12
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	013	014	032	034	037	051	053	054	056	058	059	067	070	071	073	073	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0042	0044	0074	0103	0098	0172	0211	0151	0221	0241	0268	0334	0461	0405	0453	0473	0103	0484	0106	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892	0893
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																															
Alveolar/Bronchiolar Adenoma, Multiple																											X				
Alveolar/Bronchiolar Carcinoma																X															
Hepatocellular Carcinoma, Metastatic, Liver																			X	X					X			X			
Neoplasm Nos										X																					
Neoplasm Nos, Metastatic, Thymus									X																						
Sarcoma, Metastatic, Skin																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma											X	X																			X
Lacrimal Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:13
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	013	014	032	034	037	051	053	054	056	058	059	067	070	071	073	073	075	075	075	076	076	076	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0042	0044	0074	0103	0098	0172	0021	0151	0021	0241	0268	0334	0461	0405	0453	0473	0103	0484	0106	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892	0893
Histiocytic Sarcoma						X											X														
Lymphoma Malignant															X				X					X		X	X				

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Experiment Number: 00602-05
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Species/Strain: Mouse/B6C3F1/NCTR

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Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:13
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	766	766	098	
ANIMAL ID	0095 4	0095 5	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	0055 6	0055 7	0003 8	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	35
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	39
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	35
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	37
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	39
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma							X											1
Hepatocellular Adenoma		X																5
Hepatocellular Adenoma, Multiple							X											2
Hepatocellular Carcinoma					X											X		6
Hepatocellular Carcinoma, Multiple																		1
Mesentery																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Neoplasm Nos, Metastatic, Thymus																		1
Sarcoma, Metastatic, Skin																		1
Stomach																		1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

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B6C3F1/NCTR Mouse Male 0% ETH/ 0PPM URE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	766	766	098	
ANIMAL ID	0095 4	0095 5	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	0055 6	0055 7	0038	*TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Neoplasm Nos, Metastatic, Thymus																		1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Adenoma										X								1
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	42
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	35
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicular Cel, Adenoma			X									X						2
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	766	766	098	
ANIMAL ID	0095 4	0095 5	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	0055 6	0055 7	0003 8	*TOTALS
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Neoplasm Nos, Metastatic, Thymus																		1
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Prostate	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Neoplasm Nos, Metastatic, Thymus																		1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma																		1
Lymph Node	+								+	+								8
Axillary, Sarcoma, Metastatic, Skin									X									1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma																		1
Neoplasm Nos																		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	43
Neoplasm Nos, Metastatic, Thymus																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Hemangiosarcoma							X											2
Thymus	+	+	M	+	+	M	+	+	+	+	+	+	+	M	+	M	M	32
Neoplasm Nos																		1
Sarcoma, Metastatic, Uncertain Primary Site																		1

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:13
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	766	766	098	
ANIMAL ID	0095 4	0095 5	0100 9	0100 10	0101 11	0101 12	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	0055 6	0055 7	0003 8	*TOTALS
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Fibroma, Multiple																		1
Hemangiosarcoma														X				1
Sarcoma						X			X						X			9
Sarcoma, Multiple																		1
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sternum, Sarcoma, Metastatic, Uncertain Primary Site																		1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Neoplasm Nos, Metastatic, Thymus																		1
Rhabdomyosarcoma																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	47
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45

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Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

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Test Compound: Urethane + ethanol (combination)
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B6C3F1/NCTR Mouse Male 0% ETH/ 0PPM URE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	766	766	098	
ANIMAL ID	0095 4	0095 5	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	0055 6	0055 7	0038	*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma			X	X	X													3
Alveolar/Bronchiolar Adenoma, Multiple																		1
Alveolar/Bronchiolar Carcinoma																		1
Hepatocellular Carcinoma, Metastatic, Liver																		4
Neoplasm Nos																		1
Neoplasm Nos, Metastatic, Thymus																		1
Sarcoma, Metastatic, Skin									X									1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma																		3
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

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First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 0PPM URE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	766	766	098	
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Histiocytic Sarcoma				X														3
Lymphoma Malignant	X			X						X		X						9

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First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	011	014	021	022	022	030	044	051	052	053	061	064	064	066	066	069	070	070	072	074	075	075	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0057	0046	0058	0059	0067	0073	0119	0176	0152	0163	0316	0374	0394	0346	0349	0454	0562	0388	0565	0811	0873	0694	0595	0596	0597	0643	0713	0834	0835	0908	0909
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	A	A	A	A	A	+	+	A	+	+	A	+	A	+	+	+	+	A	+	+	+	+	M	+	+	+	+	+
Intestine Large, Cecum	A	+	A	A	A	A	A	+	+	A	A	+	+	+	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	A	+	A	+	+	+	+	A	+	+	+	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																													+		
Intestine Small, Duodenum	A	A	+	A	A	A	A	+	+	A	+	+	+	+	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	+	A	A	A	A	A	+	+	A	A	+	+	+	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	+	A	A	A	A	+	+	A	+	+	+	+	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																						X									
Hepatoblastoma																				X											
Hepatocellular Adenoma														X													X	X			X
Hepatocellular Adenoma, Multiple																		X							X						
Hepatocellular Carcinoma															X					X	X					X	X				
Mesentery										+																					
Pancreas	+	+	+	A	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma										X																					
Squamous Cell Papilloma																X															

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B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	011	014	021	022	022	030	044	051	052	053	061	064	064	066	066	069	070	070	072	074	075	075	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0005	0004	0005	0005	0006	0007	0011	0011	0015	0016	0016	0003	0003	0003	0003	0004	0005	0003	0003	0008	0008	0006	0005	0005	0005	0006	0007	0008	0008	0009	0009	0009
	7	6	8	9	7	3	9	6	2	3	6	7	4	6	9	5	2	8	5	1	3	4	5	6	9	3	1	4	5	8	5	9
Stomach, Glandular	A	+	+	A	A	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																				X												
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																																
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																						X										
Endocrine System																																
Adrenal Gland, Cortex	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Adenoma																									X							
Subcapsular, Adenoma															X																	
Adrenal Gland, Medulla	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Islets, Pancreatic	+	+	+	A	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	M	+	A	+	+	+	+	+	+	M	M	+	+	M	M	M	+	+	+	+	M	+	+	M	M	+	+	M	+	M
Pituitary Gland	M	+	+	M	+	+	+	M	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	M	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																												X				
General Body System																																
NONE																																
Genital System																																
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male 0% ETH/ 10PPMURE																														
DAY ON TEST	011	014	021	022	022	030	044	051	052	053	061	064	064	066	066	069	070	070	072	074	075	075	076	076	076	076	076	076	076	076
	1	1	1	0	4	6	3	1	0	7	4	0	2	2	5	1	3	6	6	6	2	4	4	4	4	4	4	4	4	4
ANIMAL ID	0005 7	0004 6	0005 8	0005 9	0006 7	0007 3	0011 9	0011 6	0015 2	0016 3	0031 6	0037 4	0039 4	0034 6	0034 9	0044 5	0056 2	0038 8	0056 5	0081 1	0087 3	0069 4	0059 5	0059 6	0059 7	0064 3	0071 3	0083 4	0083 5	0090 8	0090 9
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Penis		+																												
Preputial Gland	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+
Prostate	+	M	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																														
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																						X								
Lymph Node									+		+		+							+	+							+		
Mediastinal, Hepatoblastoma, Metastatic, Liver																				X										
Pancreatic, Carcinoma, Metastatic, Stomach																				X										
Lymph Node, Mandibular	+	+	+	A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma																X														
Spleen	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																X														
Thymus	M	+	+	A	M	M	+	M	+	M	+	M	+	+	+	M	+	+	+	M	+	+	+	+	M	M	M	+	+	M	+
Integumentary System																														
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M

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ANIMAL ID	0057	0046	0058	0059	0067	0073	0119	0176	0152	0163	0316	0374	0394	0346	0349	0454	0562	0388	0565	0811	0873	0694	0595	0596	0597	0643	0713	0834	0835	0908	0909
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Carcinoma														X																	
Fibroma																														X	
Hemangioma																								X							
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																															
Sarcoma									X			X							X									X			X
Sarcoma, Multiple																	X														
Squamous Cell Papilloma														X																	
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Rhabdomyosarcoma																															
Nervous System																															
Brain, Cerebellum	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	M	+	A	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	011	014	021	022	022	030	044	051	052	053	061	064	064	066	066	069	070	070	072	074	075	075	076	076	076	076	076	076	076	076	076
ANIMAL ID	0057	0046	0058	0059	0067	0073	0119	0176	0152	0163	0316	0374	0394	0346	0349	0454	0562	0388	0565	0811	0873	0694	0595	0596	0597	0643	0713	0834	0835	0908	0909
Alveolar/Bronchiolar Adenoma								X					X	X	X		X				X		X					X	X		
Alveolar/Bronchiolar Adenoma, Multiple																															
Alveolar/Bronchiolar Carcinoma																									X						
Basal Cell Carcinoma, Metastatic, Skin														X																	
Hepatoblastoma, Metastatic, Liver																				X											
Sarcoma, Metastatic, Skin																	X														
Schwannoma Malignant, Metastatic, Nose																											X				
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant																											X				
Trachea	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																X				X	X		X	X					X		X
Bilateral, Adenoma																		X													
Carcinoma																															
Lacrimal Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urethra			+																												
Urinary Bladder	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:15
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	011	014	021	022	022	030	044	051	052	053	061	064	064	066	066	069	070	070	072	074	075	075	076	076	076	076	076	076	076	076	076
ANIMAL ID	0005	0004	0005	0005	0006	0007	0011	0017	0015	0016	0031	0037	0039	0034	0034	0045	0056	0038	0056	0081	0087	0069	0059	0059	0059	0064	0071	0083	0083	0090	0090
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma											X										X										
Lymphoma Malignant													X										X	X	X				X		

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	765	
ANIMAL ID	0010	0091	0097	0102	0122	0165	0166	0119	0120	0121	0185	0186	0187	0051	0052	0053	0054	*TOTALS
Alimentary System																		
Esophagus	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small																		1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma					X													2
Hepatoblastoma																		1
Hepatocellular Adenoma					X	X		X				X		X			X	10
Hepatocellular Adenoma, Multiple																X		3
Hepatocellular Carcinoma			X															6
Mesentery																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Squamous Cell Carcinoma																		1
Squamous Cell Papilloma																		1

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 0% ETH/ 10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	765	
ANIMAL ID	0091 0	0091 1	0097 0	0102 1	0102 2	0106 5	0106 6	0111 9	0112 0	0112 1	0118 5	0118 6	0118 7	0053 1	0053 2	0053 3	0053 4	*TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Carcinoma																		1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma																		1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	44
Adenoma																		1
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	43
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	33
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	42
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicular Cel, Adenoma		X																2
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0765	0765	0765	0765	
ANIMAL ID	00910	00911	00970	01021	01022	01065	01066	01119	01120	01121	01185	01186	01187	00531	00532	00533	00534	*TOTALS
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Penis																		1
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma																		1
Lymph Node			+										+					8
Mediastinal, Hepatoblastoma, Metastatic, Liver																		1
Pancreatic, Carcinoma, Metastatic, Stomach																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma									X									2
Thymus	+	+	M	+	M	+	+	+	M	+	M	+	+	M	M	+	+	29
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	2

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\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
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B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	765	
ANIMAL ID	0091 0	0091 1	0097 0	0102 1	0102 2	0106 5	0106 6	0111 9	0112 0	0112 1	0118 5	0118 6	0118 7	0053 1	0053 2	0053 3	0053 4	*TOTALS
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Basal Cell Carcinoma																		1
Fibroma							X											2
Hemangioma																		1
Rhabdomyosarcoma, Metastatic, Skeletal Muscle														X				1
Sarcoma	X												X					7
Sarcoma, Multiple				X														2
Squamous Cell Papilloma																		1
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Rhabdomyosarcoma														X				1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
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M ..Missing tissue
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B6C3F1/NCTR Mouse Male 0% ETH/ 10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	765	
ANIMAL ID	0091 0	0091 1	0097 0	0102 1	0102 2	0106 5	0106 6	0111 9	0112 0	0112 1	0118 5	0118 6	0118 7	0053 1	0053 2	0053 3	0053 4	*TOTALS
Alveolar/Bronchiolar Adenoma	X							X			X	X				X	X	15
Alveolar/Bronchiolar Adenoma, Multiple					X									X				2
Alveolar/Bronchiolar Carcinoma																		1
Basal Cell Carcinoma, Metastatic, Skin																		1
Hepatoblastoma, Metastatic, Liver																		1
Sarcoma, Metastatic, Skin				X														2
Schwannoma Malignant, Metastatic, Nose																		1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Schwannoma Malignant																		1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma		X						X								X		10
Bilateral, Adenoma																		1
Carcinoma												X						1
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	45
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Urethra																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:16
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	765	
ANIMAL ID	0091 0	0091 1	0097 0	0102 1	0102 2	0106 5	0106 6	0111 9	0112 0	0112 1	0118 5	0118 6	0118 7	0053 1	0053 2	0053 3	0053 4	*TOTALS
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																	X	3
Lymphoma Malignant												X	X					7

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	312	403	410	432	456	510	542	611	641	643	653	655	668	707	724	724	728	746	746	752	754	762	764	764	764	764	764	764	764	764	764
ANIMAL ID	0007	0018	0104	0130	0113	0208	0222	0291	0356	0399	0389	0282	0354	0569	0487	0538	0443	0492	0624	0806	0498	0105	0580	0581	0633	0634	0702	0749	0750	0817	0818
Alimentary System																															
Esophagus		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder		A	+	+	+	A	M	+	+	+	A	A	A	+	A	A	A	+	+	A	+	A	+	+	+	+	+	+	+	+	+
Intestine Large											+																				
Intestine Large, Cecum		A	A	+	A	+	+	+	A	A	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon		A	A	+	A	+	+	+	+	+	A	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Intestine Small, Duodenum		A	A	+	A	A	+	+	A	A	A	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum		A	+	+	A	A	+	+	A	A	A	+	A	A	+	+	A	+	+	A	A	+	+	M	+	+	+	+	+	+	+
Intestine Small, Jejunum		A	A	+	A	A	+	+	A	A	A	+	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																															
Liver		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma						X															X			X							
Hepatocellular Adenoma					X				X	X	X			X						X					X				X		
Hepatocellular Adenoma, Multiple																	X					X					X				
Hepatocellular Carcinoma							X					X		X	X												X			X	
Hepatocellular Carcinoma, Multiple																															X
Mesentery																															
Pancreas		A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																					X										
Salivary Glands		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach			+																												

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 0% ETH/ 30PPMURE																														
DAY ON TEST	0312	0403	0410	0432	0456	0510	0542	0611	0641	0643	0653	0655	0668	0707	0724	0724	0728	0746	0746	0752	0754	0762	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0007	0010	0014	0013	0013	0020	0022	0029	0035	0039	0038	0028	0035	0056	0048	0053	0044	0049	0062	0080	0048	0105	0058	0058	0063	0063	0070	0074	0075	0081	0081
Stomach, Forestomach		A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																								X							
Stomach, Glandular		A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Tongue		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Hemangioma																X															
Hemangiosarcoma																					X										
Endocrine System																															
Adrenal Gland, Cortex		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+
Subcapsular, Adenoma																															
Adrenal Gland, Medulla		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	M	+	+	+
Pheochromocytoma Benign				X									X																		
Islets, Pancreatic		A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland		M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	M	+	M	M	M	+	+	M	M	+	M	+	+	M
Pituitary Gland		M	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	M	M	+	+	+	M	+	M	+
Thyroid Gland		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

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B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	312	403	410	432	456	510	542	611	641	643	653	655	668	707	724	724	728	746	746	752	754	762	764	764	764	764	764	764	764	764	764
ANIMAL ID	0007	0018	0014	0030	0013	0028	0022	0029	0036	0039	0089	0082	0054	0069	0087	0053	0043	0092	0024	0086	0098	0055	0080	0081	0063	0034	0070	0049	0075	0817	0818
NONE																															
Genital System																															
Coagulating Gland		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Penis													+																		
Preputial Gland		A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Carcinoma																															
Prostate		+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Seminal Vesicle		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+								+		+				+		+	+	+	+		+							
Mediastinal, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																	X														
Lymph Node, Mandibular		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric		A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Spleen		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Hemangiosarcoma															X																X
Thymus		A	+	M	+	+	+	+	M	+	+	+	M	+	+	+	+	+	M	M	M	+	M	+	+	+	+	+	+	+	M

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B6C3F1/NCTR Mouse Male 0% ETH/ 30PPMURE																															
DAY ON TEST	312	403	410	432	456	510	542	611	641	643	653	655	668	707	724	724	728	746	746	752	754	762	764	764	764	764	764	764	764	764	764
ANIMAL ID	0007	0010	0014	0013	0013	0020	0022	0029	0035	0039	0038	0028	0035	0056	0048	0053	0044	0049	0062	0086	0049	0105	0058	0058	0063	0063	0070	0074	0075	0081	0081
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Integumentary System																															
Mammary Gland	M	+	M	M	+	M	+	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																		X													
Fibroma																															
Sarcoma			X																X						X				X		
Squamous Cell Carcinoma																															
Squamous Cell Papilloma																						X									
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	M	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	312	403	410	432	456	510	542	611	641	643	653	655	668	707	724	724	728	746	746	752	754	762	764	764	764	764	764	764	764	764	764
ANIMAL ID	0007	0010	0010	0013	0013	0020	0022	0029	0035	0039	0038	0028	0035	0056	0048	0053	0044	0049	0062	0080	0049	0105	0058	0058	0063	0063	0070	0074	0075	0081	0081
Alveolar/Bronchiolar Adenoma					X			X										X	X				X						X	X	
Alveolar/Bronchiolar Adenoma, Multiple						X														X						X	X				
Alveolar/Bronchiolar Carcinoma							X	X								X	X														X
Alveolar/Bronchiolar Carcinoma, Multiple																															
Hepatocellular Carcinoma, Metastatic, Liver														X																	
Sarcoma, Metastatic, Skin																			X												
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma					X			X					X	X			X	X	X		X			X	X	X	X			X	
Bilateral, Adenoma																												X	X		
Bilateral, Carcinoma						X																									
Carcinoma							X		X			X										X									
Lacrimal Gland		A	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland		+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Basosquamous Tumor Benign																					X										
Urinary System																															
Kidney		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Renal Tubule, Adenoma																															
Urinary Bladder		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:17
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	0312	0403	0410	0432	0456	0510	0542	0611	0641	0643	0653	0655	0668	0707	0724	0724	0728	0746	0746	0752	0754	0762	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0077	0108	0104	0130	0113	0208	0222	0291	0356	0399	0389	0282	0354	0569	0487	0538	0443	0492	0624	0806	0498	0555	0580	0581	0633	0634	0702	0749	0750	0817	0818
SYSTEMIC LESIONS																																
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma										X			X							X		X										
Lymphoma Malignant			X								X										X			X								

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B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0084	0085	0086	0094	0097	0098	0107	0106	0107	0108	0111	0116	0169	0170	0058	0059	0060	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	36
Intestine Large																		1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	45
Intestine Small, Duodenum	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	36
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	35
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Carcinoma										X								1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma							X				X							5
Hepatocellular Adenoma			X				X				X	X			X			13
Hepatocellular Adenoma, Multiple																	X	4
Hepatocellular Carcinoma						X										X		8
Hepatocellular Carcinoma, Multiple																		1
Mesentery																	+	1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Hemangiosarcoma																		1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Stomach																		1

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B6C3F1/NCTR Mouse Male 0% ETH/ 30PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0084	0085	0086	0094	0097	0098	0100	0106	0107	0108	0111	0116	0169	0170	0058	0059	0060	*TOTALS
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Squamous Cell Papilloma														X	X			3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung					X													1
Hemangioma																		1
Hemangiosarcoma																		1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Subcapsular, Adenoma											X							1
Adrenal Gland, Medulla	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Pheochromocytoma Benign																		2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	M	+	M	M	M	M	30
Pituitary Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
General Body System																		

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B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0084	0085	0086	0094	0097	0098	0107	0106	0107	0108	0111	0116	0169	0170	0058	0059	0060	*TOTALS
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Penis																		1
Preputial Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Carcinoma													X					1
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lymph Node													+					10
Mediastinal, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	43
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangioma															X			1
Hemangiosarcoma																		2
Thymus	+	+	+	M	+	+	+	+	M	+	M	+	+	+	+	+	+	35

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0084	0085	0086	0094	0097	0098	0107	0106	0107	0108	0111	0116	0169	0170	0058	0059	0060	*TOTALS
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung					X													1
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	5
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Basal Cell Adenoma			X															2
Fibroma				X	X			X										3
Sarcoma		X																5
Squamous Cell Carcinoma		X				X												2
Squamous Cell Papilloma																		1
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0084	0085	0086	0094	0097	0098	0107	0106	0107	0108	0111	0116	0169	0170	0058	0059	0060	*TOTALS
Alveolar/Bronchiolar Adenoma	X	X	X	X			X						X	X		X		15
Alveolar/Bronchiolar Adenoma, Multiple						X				X							X	7
Alveolar/Bronchiolar Carcinoma						X		X							X			8
Alveolar/Bronchiolar Carcinoma, Multiple					X													1
Hepatocellular Carcinoma, Metastatic, Liver						X												2
Sarcoma, Metastatic, Skin																		1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma	X		X	X			X		X	X		X	X					21
Bilateral, Adenoma											X						X	4
Bilateral, Carcinoma																		1
Carcinoma	X								X									6
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Basosquamous Tumor Benign																		1
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Renal Tubule, Adenoma														X				1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

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B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0088 4	0088 5	0088 6	0094 6	0094 7	0094 8	0100 7	0105 6	0105 7	0105 8	0111 1	0111 6 8	0111 6 9	0111 7 0	0051 8	0051 9	0052 0	*TOTALS
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Histiocytic Sarcoma													X	X				6
Lymphoma Malignant									X							X		6

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:18
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	029	034	036	045	045	046	047	048	049	050	052	053	054	054	056	057	058	060	060	060	061	061	061	064	066	066	068	068	068	070	070	070
ANIMAL ID	0081	0078	0100	0131	0132	0116	0139	0138	0154	0201	0206	0146	0157	0177	0181	0274	0260	0212	0284	0216	0280	0239	0263	0329	0386	0402	0463	0470	0448	0469	0678
Alimentary System																																
Esophagus	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	A	A	+	+	A	A	A	A	A	+	A	M	A	A	A	+	+	A	A	A	A	+	M	M	A	A	+	+	+	A
Intestine Large, Cecum	A	A	M	+	+	A	A	A	+	A	+	A	+	A	A	+	+	+	+	A	+	A	+	+	+	A	A	+	+	+	+
Intestine Large, Colon	+	A	M	+	+	A	A	+	+	+	+	A	+	+	A	+	+	M	+	+	+	+	+	+	+	A	A	+	+	+	+
Intestine Large, Rectum	+	+	M	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Intestine Small, Duodenum	A	A	M	+	+	A	A	A	A	A	+	A	+	A	A	+	+	+	A	+	A	A	+	A	+	A	A	+	+	+	+
Intestine Small, Ileum	A	A	M	+	+	A	A	A	A	A	+	A	+	A	A	+	+	+	A	A	+	A	+	A	+	A	A	+	+	+	+
Intestine Small, Jejunum	A	A	M	+	+	A	A	A	A	A	+	A	+	A	A	A	+	A	A	A	+	A	+	A	+	A	A	+	+	+	+
Liver	+	A	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Hemangiosarcoma									X				X											X	X				X		X
Hepatocellular Adenoma				X			X			X		X								X				X							
Hepatocellular Adenoma, Multiple																		X	X		X									X	
Hepatocellular Carcinoma																	X		X												X
Hepatocellular Carcinoma, Multiple																									X						
Sarcoma, Metastatic, Skin														X														X			
Mesentery																							+								
Sarcoma, Metastatic, Skin																							X								
Pancreas	+	A	A	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+
Salivary Glands	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Hemangiosarcoma																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 0% ETH/ 90PPMURE																															
DAY ON TEST	029	034	036	045	045	046	047	048	049	050	052	053	054	054	056	057	058	060	060	061	061	061	064	066	066	068	068	068	070	070	070
ANIMAL ID	0081	0078	0010	0131	0132	0116	0139	0138	0154	0201	0206	0146	0157	0177	0181	0274	0260	0212	0284	0216	0280	0239	0263	0329	0386	0402	0463	0470	0448	0469	0678
Serosa, Hemangiosarcoma									X																						
Squamous Cell Carcinoma																												X			
Squamous Cell Papilloma																							X		X						
Stomach, Glandular	+	A	M	+	+	+	A	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Serosa, Sarcoma, Metastatic, Skin																							X								
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma					X								X																		X
Schwannoma Malignant								X																							
Endocrine System																															
Adrenal Gland, Cortex	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Adrenal Gland, Medulla	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	M
Bilateral, Pheochromocytoma Benign																														X	
Pheochromocytoma Benign				X										X											X						
Islets, Pancreatic	+	A	A	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+
Adenoma																												X			
Parathyroid Gland	+	A	A	+	+	M	+	+	+	M	+	+	+	+	M	+	M	M	+	+	+	+	M	+	M	M	+	+	M	M	M
Pituitary Gland	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	M	+	+	+	+	+	+	A	+	M	M	+
Thyroid Gland	+	A	A	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
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M ..Missing tissue
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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	029	034	036	045	045	046	047	048	049	050	052	053	054	054	056	057	058	060	060	061	061	061	064	066	066	068	068	068	070	070	070
ANIMAL ID	0081	0078	0010	0131	0132	0116	0139	0138	0154	0201	0206	0146	0157	0177	0181	0274	0260	0212	0284	0216	0280	0239	0263	0329	0386	0402	0463	0470	0448	0469	0678
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	A	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+
Penis			+	+																											
Preputial Gland	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M
Prostate	+	A	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node														+				+					+			+			+	+	
Lymph Node, Mandibular	+	A	A	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	M	A	+	+	+	+	+	M	A	+	A	+	+	A	+	+	+	+	M	+	A	+	M	+	+	A	+	+	+	+
Hemangiosarcoma																															
Spleen	+	A	M	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+
Hemangioma								X																							
Hemangiosarcoma													X																X		
Thymus	A	A	A	+	+	M	M	+	+	+	+	+	+	M	M	+	+	+	M	+	+	M	+	+	+	M	+	+	M	+	M
Sarcoma, Metastatic, Skin																												X			

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:19
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	029	034	036	045	045	046	047	048	049	050	052	053	054	054	056	057	058	060	060	061	061	061	064	066	066	068	068	068	070	070	070
ANIMAL ID	0081	0078	0100	0131	0132	0116	0139	0138	0154	0201	0206	0146	0157	0177	0181	0274	0260	0212	0284	0216	0280	0239	0263	0329	0386	0402	0463	0470	0448	0469	0678
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Carcinoma																															
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																															
Basal Cell Carcinoma												X																			
Hemangioma																															
Hemangiosarcoma																X						X									
Lipoma			X																												
Neoplasm Nos															X																
Sarcoma					X					X										X					X			X	X		
Sarcoma, Multiple						X								X									X			X				X	
Squamous Cell Carcinoma																	X														
Squamous Cell Papilloma					X																										
Squamous Cell Papilloma, Multiple																													X		
Tail, Fibroma																											X				
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cranium, Hemangiosarcoma													X																		
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic																															

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B6C3F1/NCTR Mouse Male 0% ETH/ 90PPMURE																															
DAY ON TEST	029	034	039	045	053	046	047	048	049	050	052	053	054	054	056	057	058	060	060	061	061	061	064	066	066	068	068	068	070	070	070
ANIMAL ID	0081	0078	0100	0131	0132	0116	0139	0138	0154	0201	0206	0146	0157	0177	0181	0274	0260	0212	0284	0216	0280	0239	0263	0329	0386	0402	0463	0470	0448	0469	0678
Diaphragm, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Sarcoma							X																								
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma	X													X	X				X	X			X	X			X				
Alveolar/Bronchiolar Adenoma, Multiple										X		X				X	X	X			X	X			X				X	X	
Alveolar/Bronchiolar Carcinoma											X																X		X		X
Alveolar/Bronchiolar Carcinoma, Multiple																															
Hemangiosarcoma																															X
Hepatocellular Carcinoma																	X														
Hepatocellular Carcinoma, Metastatic, Liver																	X														
Hepatocellular Carcinoma, Multiple, Metastatic, Liver																															X
Sarcoma, Metastatic, Skin										X				X														X			
Schwannoma Malignant, Metastatic, Lung								X																							

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B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	293	334	369	453	453	466	473	483	493	503	521	530	548	548	569	576	580	600	600	611	611	618	646	660	664	680	680	682	701	703	707
ANIMAL ID	0081	0078	0100	0131	0132	0116	0139	0138	0154	0201	0206	0146	0157	0177	0181	0274	0260	0212	0284	0216	0280	0239	0263	0329	0386	0402	0463	0470	0448	0469	0678
Nose	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mucosa, Hemangioma																															
Trachea	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Adenoma						X						X				X	X	X			X	X		X					X	X	
Bilateral, Adenoma										X									X							X		X			X
Bilateral, Carcinoma								X					X																		
Carcinoma					X		X		X			X		X	X					X			X	X							
Lacrimal Gland	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Urinary System																															
Kidney	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Hemangiosarcoma																															
Renal Tubule, Adenoma									X																						
Urethra									+																						
Urinary Bladder	+	A	A	+	+	+	+	A	+	+	+	A	+	+	M	+	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																										X					

* ..Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	029	033	036	045	045	046	047	048	049	050	052	053	054	054	056	057	058	060	060	061	061	061	064	066	066	068	068	068	070	070	070
ANIMAL ID	0008	0007	0010	0013	0013	0011	0013	0013	0015	0020	0020	0014	0015	0017	0018	0027	0026	0021	0028	0021	0028	0023	0026	0032	0038	0040	0046	0047	0044	0046	0067
Leukemia Granulocytic																							X								
Lymphoma Malignant																		X													

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B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	071 0	071 3	071 9	072 6	072 6	072 8	072 9	074 6	076 1	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 5	
ANIMAL ID	0037 1	0048 0	0067 3	0074 3	0081 2	0094 3	0094 5	0068 8	0074 4	0059 4	0071 1	0071 2	0076 5	0076 6	0102 3	0118 8	0065 5	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	+	A	+	+	+	A	+	+	+	+	+	M	+	+	23
Intestine Large, Cecum	+	+	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	31
Intestine Large, Colon	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Intestine Large, Rectum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Duodenum	+	+	A	A	A	A	+	+	A	+	+	+	+	+	+	+	+	26
Intestine Small, Ileum	+	+	A	A	A	A	+	+	A	+	+	+	+	+	+	+	+	26
Intestine Small, Jejunum	+	+	A	A	A	A	+	+	A	+	+	+	+	+	+	+	+	24
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Hemangiosarcoma		X	X	X		X			X				X		X			13
Hepatocellular Adenoma									X	X				X	X			10
Hepatocellular Adenoma, Multiple				X	X							X						7
Hepatocellular Carcinoma		X			X	X									X	X		8
Hepatocellular Carcinoma, Multiple																		1
Sarcoma, Metastatic, Skin																		2
Mesentery																		1
Sarcoma, Metastatic, Skin																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangiosarcoma						X												1

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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	710	713	719	726	726	728	729	746	761	764	764	764	764	764	764	764	765	
ANIMAL ID	0037 1	0048 0	0067 3	0074 3	0081 2	0094 3	0094 5	0068 8	0074 4	0059 4	0071 1	0071 2	0076 5	0076 6	0102 3	0118 8	0065 5	*TOTALS
Serosa, Hemangiosarcoma																		1
Squamous Cell Carcinoma															X			2
Squamous Cell Papilloma		X																3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Serosa, Sarcoma, Metastatic, Skin																		1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	45
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma							X							X				5
Schwannoma Malignant																		1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Bilateral, Pheochromocytoma Benign																		1
Pheochromocytoma Benign					X			X										5
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Adenoma																		1
Parathyroid Gland	+	M	M	M	+	+	M	+	M	M	+	+	+	M	+	+	+	28
Pituitary Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	38
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45

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\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	0710	0713	0719	0726	0726	0728	0729	0746	0761	0764	0764	0764	0764	0764	0764	0764	0765	
ANIMAL ID	0037 1	0048 0	0067 3	0074 3	0081 2	0094 3	0094 5	0068 8	0074 4	0059 4	0071 1	0071 2	0076 5	0076 6	0102 3	0118 8	0065 5	*TOTALS
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Penis																		2
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	43
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lymph Node	+						+										+	9
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Hemangiosarcoma									X									1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Hemangioma																		1
Hemangiosarcoma				X				X							X			5
Thymus	M	M	+	+	M	M	+	M	+	+	M	+	+	+	M	M	M	27
Sarcoma, Metastatic, Skin																		1

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B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	710	713	719	726	726	728	729	746	761	764	764	764	764	764	764	764	765	
ANIMAL ID	0037 1	0048 0	0067 3	0074 3	0081 2	0094 3	0094 5	0068 8	0074 4	0059 4	0071 1	0071 2	0076 5	0076 6	0102 3	0118 8	0065 5	*TOTALS
Integumentary System																		
Mammary Gland	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	1
Carcinoma					X													1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Basal Cell Adenoma					X													1
Basal Cell Carcinoma																		1
Hemangioma												X						1
Hemangiosarcoma																		2
Lipoma																		1
Neoplasm Nos																		1
Sarcoma	X							X			X							9
Sarcoma, Multiple																		5
Squamous Cell Carcinoma																		1
Squamous Cell Papilloma				X						X								3
Squamous Cell Papilloma, Multiple														X				2
Tail, Fibroma																		1
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cranium, Hemangiosarcoma																		1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic					X													1

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B6C3F1/NCTR Mouse Male 0% ETH/ 90PPMURE																		
DAY ON TEST	071 0	071 3	071 9	072 6	072 6	072 8	072 9	074 6	076 1	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 5	
ANIMAL ID	00371	00480	00673	00743	00812	00943	00945	00688	00744	00594	00711	00712	00765	00766	01023	01188	00655	*TOTALS
Diaphragm, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung					X													1
Sarcoma																		1
Nervous System																		
Brain, Cerebellum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Brain, Cerebrum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma	X	X				X	X					X				X		14
Alveolar/Bronchiolar Adenoma, Multiple			X	X	X			X		X	X		X	X	X		X	20
Alveolar/Bronchiolar Carcinoma					X				X			X		X				8
Alveolar/Bronchiolar Carcinoma, Multiple											X							1
Hemangiosarcoma																		1
Hepatocellular Carcinoma																		1
Hepatocellular Carcinoma, Metastatic, Liver																		1
Hepatocellular Carcinoma, Multiple, Metastatic, Liver																		1
Sarcoma, Metastatic, Skin																		3
Schwannoma Malignant, Metastatic, Lung																		1

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B6C3F1/NCTR Mouse Male 0% ETH/ 90PPMURE																		
DAY ON TEST	710	713	719	726	726	728	729	746	761	764	764	764	764	764	764	764	765	
ANIMAL ID	0037 1	0048 0	0067 3	0074 3	0081 2	0094 3	0094 5	0068 8	0074 4	0059 4	0071 1	0071 2	0076 5	0076 6	0102 3	0118 8	0065 5	*TOTALS
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Mucosa, Hemangioma								X										1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma				X	X			X	X	X	X	X	X	X	X		X	21
Bilateral, Adenoma			X													X		7
Bilateral, Carcinoma																		2
Carcinoma		X			X							X	X	X				14
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Zymbal's Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	45
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangiosarcoma									X									1
Renal Tubule, Adenoma																		1
Urethra																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma							X											2

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B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	071	071	071	072	072	072	072	074	076	076	076	076	076	076	076	076	076	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	
	3	4	6	7	8	9	9	6	7	5	7	7	7	7	0	1	6	
	7	8	7	4	1	4	4	8	4	9	1	1	6	6	2	8	5	*TOTALS
Leukemia Granulocytic																		1
Lymphoma Malignant									X	X							X	4

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B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE																															
DAY ON TEST	0123	0373	0474	0513	0527	0582	0607	0614	0619	0642	0655	0670	0675	0696	0719	0761	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0375	0396	0357	0438	0373	0370	0409	0692	0590	0591	0592	0639	0640	0641	0707	0771	0830	0831	0832	0838	0839	0901	0902
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	A	+	+	A	+	A	+	+	+	A	A	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+
Intestine Large, Cecum	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	A	+	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	A	A	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	A	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma															X																
Hepatocellular Adenoma										X		X															X		X		X
Hepatocellular Adenoma, Multiple						X																									
Hepatocellular Carcinoma							X					X	X											X							
Hepatocellular Carcinoma, Multiple																										X					
Sarcoma, Metastatic, Skin														X																	
Pancreas	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin								X																							
Stomach, Forestomach	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma															X																
Stomach, Glandular	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	123	373	474	513	527	582	607	614	619	642	655	670	675	696	719	761	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764
B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0375	0396	0357	0438	0373	0370	0409	0692	0590	0591	0592	0639	0640	0641	0707	0771	0830	0831	0832	0838	0839	0901	0902
Tongue	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																			X			X									
Subcapsular, Adenoma																															
Adrenal Gland, Medulla	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+
Pheochromocytoma Benign																															
Islets, Pancreatic	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	M	+	+	+	M	+	+	+	M	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	M
Pituitary Gland	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma																															
Thyroid Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Follicular Cel, Adenoma																								X							
General Body System																															
Tissue NOS																+															
Genital System																															
Coagulating Gland	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE																															
DAY ON TEST	0123	0373	0474	0513	0527	0582	0607	0614	0619	0642	0655	0670	0675	0696	0719	0761	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0375	0396	0357	0438	0373	0370	0409	0692	0590	0591	0592	0639	0640	0641	0707	0771	0830	0831	0832	0838	0839	0901	0902
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+										+			+	+				+			+							
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin							X																								
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	M	M	+	M	+	+	+	+	+	+	+	M	M	+	+	M	+	+	M	+	+	+	+	M	M	M	+	+	+
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma																			X												
Rhabdomyosarcoma, Metastatic, Skeletal Muscle											X																				
Sarcoma						X	X	X	X	X			X	X							X			X				X			

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DAY ON TEST	123	373	474	513	527	582	607	614	619	642	655	670	675	696	719	761	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764
B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE																															
ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0375	0396	0357	0438	0373	0370	0409	0692	0590	0591	0592	0639	0640	0641	0707	0771	0830	0831	0832	0838	0839	0901	0902
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrosarcoma				X																											
Rhabdomyosarcoma											X																				
Sarcoma, Metastatic, Skin									X																						
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	M	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma								X							X									X						X	
Alveolar/Bronchiolar Adenoma, Multiple																															
Alveolar/Bronchiolar Carcinoma																															X
Hepatocellular Carcinoma, Metastatic, Liver												X														X					
Sarcoma, Metastatic, Skin										X																					
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:22
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE																															
DAY ON TEST	0123	0373	0474	0513	0527	0582	0607	0614	0619	0642	0655	0670	0675	0696	0719	0761	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0375	0396	0357	0438	0373	0370	0409	0692	0590	0591	0592	0639	0640	0641	0707	0771	0830	0831	0832	0838	0839	0901	0902
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma						X					X									X											
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																								X							
Lymphoma Malignant								X		X							X						X	X		X	X			X	
Mesothelioma Malignant																X															

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\+ ..Tissue examined microscopically
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M ..Missing tissue
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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
2.5%ETH/0PPM URE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0093	0096	0097	0098	0107	0108	0109	0103	0107	0107	0107	0112	0112	0112	0119	0119	0119	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	M	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Duodenum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Small, Ileum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Small, Jejunum	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma		X											X					3
Hepatocellular Adenoma					X	X		X			X	X						10
Hepatocellular Adenoma, Multiple		X																2
Hepatocellular Carcinoma											X							5
Hepatocellular Carcinoma, Multiple																		1
Sarcoma, Metastatic, Skin																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin																		1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Squamous Cell Carcinoma																		1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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B6C3F1/NCTR Mouse Male
2.5%ETH/0PPM URE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0093	0096	0097	0098	0107	0108	0109	0110	0110	0110	0110	0111	0111	0111	0119	0119	0119	*TOTALS
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland, Cortex	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma																		2
Subcapsular, Adenoma					X													1
Adrenal Gland, Medulla	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Pheochromocytoma Benign										X						X		2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Parathyroid Gland	+	+	M	M	+	+	+	+	+	+	+	+	+	M	M	+	+	37
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Pars Distalis, Adenoma																X		1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicular Cel, Adenoma																		1
General Body System																		
Tissue NOS																		1
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0093	0096	0097	0098	0102	0102	0102	0103	0107	0107	0107	0112	0112	0112	0119	0119	0119	*TOTALS
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin															X			1
Prostate	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node																	+	7
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin																		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Thymus	+	+	M	M	+	+	+	+	+	+	+	+	+	+	M	+	+	35
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Fibroma								X										2
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																		1
Sarcoma			X	X							X			X	X	X		16

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X ..Lesion present
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M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0093	0096	0097	0098	0107	0108	0109	0110	0170	0171	0172	0124	0125	0126	0190	0191	0192	*TOTALS
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Fibrosarcoma																		1
Rhabdomyosarcoma																		1
Sarcoma, Metastatic, Skin																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma				X		X						X	X	X				9
Alveolar/Bronchiolar Adenoma, Multiple									X									1
Alveolar/Bronchiolar Carcinoma												X						2
Hepatocellular Carcinoma, Metastatic, Liver																		2
Sarcoma, Metastatic, Skin																		1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

* ..Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0093	0096	0097	0098	0102	0102	0102	0103	0107	0107	0107	0112	0112	0112	0119	0119	0119	*TOTALS
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma				X			X							X				6
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Zymbal's Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	47
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		1
Lymphoma Malignant		X										X					X	11
Mesothelioma Malignant																		1

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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																														
DAY ON TEST	305	382	466	523	617	620	622	628	638	655	675	681	710	713	718	739	743	760	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0076	0099	0135	0174	0290	0233	0348	0395	0251	0377	0330	0338	0367	0675	0691	0451	0880	0108	0578	0579	0631	0632	0699	0700	0701	0758	0759	0760	0761	0822	0823
Alimentary System																														
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	A	+	+	+	+	A	+	A	M	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	A	A	A	A	A	+	+	+	A	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	A	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																						+								
Intestine Small, Duodenum	+	A	A	A	A	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	A	A	A	A	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	A	A	A	A	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma												X								X	X									
Hepatocellular Adenoma						X													X		X					X	X			
Hepatocellular Adenoma, Multiple										X																			X	
Hepatocellular Carcinoma																						X								
Hepatocellular Carcinoma, Multiple				X																										
Mesentery						+												+											+	
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X																								
Pancreas	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X																								
Hemangiosarcoma																														

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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																															
DAY ON TEST	305	382	466	523	617	620	622	628	638	655	675	681	710	713	718	739	743	760	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0076	0099	0135	0174	0290	0233	0348	0395	0251	0377	0330	0338	0367	0675	0691	0451	0880	0110	0578	0579	0631	0632	0669	0700	0701	0758	0759	0760	0761	0822	0823
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma				X											X																
Stomach, Glandular	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X																									
Endocrine System																															
Adrenal Gland, Cortex	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+
Adenoma																															
Adrenal Gland, Medulla	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	M	+	+
Pheochromocytoma Benign																															X
Islets, Pancreatic	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	M	+	+	+	+	+	+	M	+
Pituitary Gland	+	+	+	+	+	M	M	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma								X																						X	
General Body System																															

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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																														
DAY ON TEST	305	382	466	523	617	620	622	628	638	655	675	681	710	713	718	739	743	760	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0076	0099	0135	0174	0290	0233	0348	0395	0251	0377	0330	0338	0367	0675	0691	0451	0880	0108	0578	0579	0631	0632	0699	0700	0701	0758	0759	0760	0761	0822	0823
NONE																														
Genital System																														
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Adenoma																				X										
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																														
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node					+		+		+					+								+								
Mediastinal, Sarcoma, Metastatic, Skin					X																									
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	A	+	M	+	+	+	M	+	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X																								
Integumentary System																														
Mammary Gland	M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M

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\+ ..Tissue examined microscopically
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I ..Insufficient tissue

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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																															
DAY ON TEST	0305	0382	0466	0523	0617	0620	0622	0628	0638	0655	0675	0681	0710	0713	0718	0739	0743	0760	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0076	0099	0135	0174	0290	0233	0348	0395	0251	0377	0330	0338	0367	0675	0691	0451	0880	0108	0578	0579	0631	0632	0699	0700	0701	0758	0759	0760	0761	0822	0823
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																											X				
Fibroma																															
Prepuce, Fibroma																															
Sarcoma					X			X			X		X		X				X						X						X
Sarcoma, Multiple																															
Squamous Cell Carcinoma																															
Tail, Fibroma															X																
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X																									
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Oligodendroglioma Malignant		X																													
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																															
DAY ON TEST	305	382	466	523	617	620	622	628	638	655	675	681	710	713	718	739	743	760	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0076	0099	0135	0174	0290	0233	0348	0395	0251	0377	0330	0338	0367	0675	0691	0451	0880	0108	0578	0579	0631	0632	0699	0700	0701	0758	0759	0760	0761	0822	0823
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma					X									X				X	X	X							X		X		
Alveolar/Bronchiolar Adenoma, Multiple																															
Alveolar/Bronchiolar Carcinoma						X										X												X			
Hepatocellular Carcinoma, Metastatic, Liver				X																											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X																									
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma								X					X								X		X			X	X				
Bilateral, Adenoma																													X		
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X																									
Urinary Bladder	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:25
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
2.5%ETH/10PPMURE

DAY ON TEST	305	382	466	523	617	620	622	628	638	655	675	681	710	713	718	739	743	760	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0076	0099	0135	0174	0290	0233	0348	0395	0251	0377	0330	0338	0367	0675	0691	0451	0880	0108	0578	0579	0631	0632	0699	0700	0701	0758	0759	0760	0761	0822	0823
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma									X					X			X					X									
Lymphoma Malignant							X																						X		
Mesothelioma Nos																		X													

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B6C3F1/NCTR Mouse Male
2.5%ETH/10PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0084	0089	0096	0097	0098	0103	0104	0105	0106	0106	0113	0114	0116	0117	0118	0056	0057	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	41
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small			+		+													3
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma												X						4
Hepatocellular Adenoma	X	X	X				X		X				X	X			X	13
Hepatocellular Adenoma, Multiple																		2
Hepatocellular Carcinoma							X			X								3
Hepatocellular Carcinoma, Multiple											X							2
Mesentery																		3
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma																X		1

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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0084	0089	0095	0097	0098	0103	0104	0105	0106	0062	0113	0114	0116	0117	0118	0056	0057	*TOTALS
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Squamous Cell Papilloma			X									X						4
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoma								X										1
Adrenal Gland, Medulla	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	42
Pheochromocytoma Benign	X																	2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Parathyroid Gland	M	+	+	+	+	+	M	+	M	M	+	+	+	+	+	+	+	40
Pituitary Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Follicular Cel, Adenoma																		2
General Body System																		

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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0084	0084	0095	0095	0095	0101	0101	0101	0101	0106	0111	0111	0111	0111	0111	0051	0051	*TOTALS
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Preputial Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	45
Adenoma																		1
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node											+							6
Mediastinal, Sarcoma, Metastatic, Skin																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Thymus	M	M	+	+	+	+	M	+	+	M	+	M	+	M	+	M	M	32
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	2

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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0082 4	0089 4	0095 6	0095 7	0095 8	0101 3	0101 4	0101 5	0101 6	0106 2	0111 3	0111 4	0117 6	0117 7	0117 8	0051 6	0051 7	*TOTALS
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Basal Cell Adenoma																		1
Fibroma					X				X							X		3
Prepuce, Fibroma														X				1
Sarcoma																X		9
Sarcoma, Multiple	X																	1
Squamous Cell Carcinoma						X												1
Tail, Fibroma																		1
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Oligodendroglioma Malignant																		1
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0082 4	0089 4	0095 6	0095 7	0095 8	0101 3	0101 4	0101 5	0101 6	0106 2	0111 3	0111 4	0117 6	0117 7	0117 8	0051 6	0051 7	*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma					X			X	X	X				X		X	X	14
Alveolar/Bronchiolar Adenoma, Multiple			X	X														2
Alveolar/Bronchiolar Carcinoma																		3
Hepatocellular Carcinoma, Metastatic, Liver																		1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma	X	X						X					X	X	X		X	13
Bilateral, Adenoma																		1
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	47
Zymbal's Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
SYSTEMIC LESIONS																		

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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0082 4	0089 4	0095 6	0095 7	0095 8	0101 3	0101 4	0101 5	0101 6	0106 2	0111 3	0111 4	0117 6	0117 7	0117 8	0051 6	0051 7	*TOTALS
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		4
Lymphoma Malignant			X		X				X		X							6
Mesothelioma Nos																		1

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
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M ..Missing tissue
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BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:25
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																														
DAY ON TEST	014	023	054	046	062	046	036	054	058	093	035	040	042	055	063	064	084	010	011	011	033	034	043	064	064	064	064	064	064	064
ANIMAL ID	0041	0056	0045	0072	0083	0106	0122	0178	0145	0214	0285	0303	0382	0376	0283	0512	0397	0671	0404	0626	0437	0507	0944	0588	0589	0706	0751	0752	0819	0820	0887
Alimentary System																														
Esophagus	+	+	+	M	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	A	+	+	A	+	+	+		A	A	+	+	+	+	+	+	+	A	+	M	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	A	+	+	+		A	A	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	A	+	+	+		A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small														+																
Intestine Small, Duodenum	+	+	A	A	+	A	A	+	+	+		A	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	A	+	A	A	+	+	+		A	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	A	+	+	A	+	+	+		A	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																	X													
Hepatocellular Adenoma									X										X	X		X	X						X	
Hepatocellular Adenoma, Multiple																					X				X		X	X		
Hepatocellular Carcinoma																				X		X	X			X				
Mesentery																+														
Sarcoma																X														
Pancreas	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	M	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																														X
Stomach, Glandular	+	+	+	A	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																														
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ANIMAL ID	0041	0056	0045	0072	0083	0106	0122	0178	0145	0214	0285	0303	0382	0376	0283	0512	0397	0671	0404	0626	0437	0507	0944	0588	0589	0706	0751	0752	0819	0820	0887
Tongue	+	+	+	M	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																							X								
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Adenoma																															
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																						X									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+		+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	M
Pituitary Gland	+	+	+	+	+	+	+	+	+	M		A	+	+	M	M	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	M	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																															
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	M	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																				X											

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DAY ON TEST	014	012	015	024	036	042	043	051	052	059	063	064	064	065	066	067	068	071	071	071	073	073	074	076	076	076	076	076	076	076	076
ANIMAL ID	0041	0056	0045	0072	0083	0106	0122	0178	0145	0214	0285	0303	0382	0376	0283	0512	0397	0671	0404	0626	0437	0507	0944	0588	0589	0706	0751	0752	0819	0820	0887
Hemangioma																				X											
Penis	+						+																								
Preputial Gland	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+
Hemangioma																		X													
Hemangiosarcoma																															
Prostate	M	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Mesentery																X															
Testes	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Lipoma																								X							
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node														+	+	+	+												+		
Squamous Cell Carcinoma, Metastatic, Skin																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	M	+		+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	M	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Hemangiosarcoma																					X										
Thymus	M	+	M	M	+	M	+	+	M	M		+	M	+	+	+	+	M	M	+	+	+	M	+	+	M	+	+	+	M	+
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	M	M		M	M	M	M	M	+	M	M	M	M	M	M	+	M	M	M	M	M	M	M

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
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First Dose M/F: NA / NA
Lab: NCTR

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DAY ON TEST	014	012	015	024	036	042	043	051	052	059	063	064	064	065	066	067	068	071	071	071	073	073	074	076	076	076	076	076	076	076	076
ANIMAL ID	0041	0056	0045	0072	0083	0106	0122	0178	0145	0214	0285	0303	0382	0376	0283	0512	0397	0671	0404	0626	0437	0507	0944	0588	0589	0706	0751	0752	0819	0820	0887
Skin	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Fibroma, Multiple																														X	
Hemangiosarcoma																		X			X					X				X	
Sarcoma					X	X			X	X										X											
Sarcoma, Multiple																													X		
Squamous Cell Carcinoma													X																		
Squamous Cell Papilloma																											X				
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	M	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																	X					X					X				X
Alveolar/Bronchiolar Adenoma, Multiple										X									X						X			X			
Alveolar/Bronchiolar Carcinoma												X							X	X											

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ANIMAL ID	0041	0056	0045	0072	0083	0106	0122	0178	0145	0214	0285	0303	0382	0376	0283	0512	0397	0671	0404	0626	0437	0507	0944	0588	0589	0706	0751	0752	0819	0820	0887
Alveolar/Bronchiolar Carcinoma, Multiple																															
Hepatocellular Carcinoma, Metastatic, Liver																						X	X								
Nose	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	M	+	+	+	+	+	+		+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Ear																											+				
Eye	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma						X								X	X						X				X	X	X		X		
Bilateral, Adenoma																															
Carcinoma																															
Lacrimal Gland	+	+	+	+	+	+	+	+	M	+		+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin									X																						
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ureter							+																								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma								X							X	X		X													

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ANIMAL ID	0041	0056	0045	0072	0083	0106	0122	0178	0145	0214	0285	0303	0382	0376	0283	0512	0397	0671	0404	0626	0437	0507	0944	0588	0589	0706	0751	0752	0819	0820	0887
Lymphoma Malignant														X			X										X		X		
Mesothelioma Malignant																																

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	008	008	008	009	009	009	010	010	011	011	011	011	011	011	005	005	005	
	88	89	90	49	50	51	19	20	16	17	18	82	83	84	26	27	28	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	40
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small				+												+		3
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma												X	X					3
Hepatocellular Adenoma			X	X		X				X			X				X	12
Hepatocellular Adenoma, Multiple																		4
Hepatocellular Carcinoma				X														5
Mesentery											+							2
Sarcoma																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Squamous Cell Papilloma																		1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0088 8	0088 9	0089 0	0094 9	0095 0	0095 1	0101 9	0102 0	0111 6	0111 7	0111 8	0111 82	0111 83	0111 84	0052 6	0052 7	0052 8	*TOTALS
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	45
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma	X																	2
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Subcapsular, Adenoma											X							1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	45
Pheochromocytoma Benign					X													2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicular Cel, Adenoma												X						1
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangioma																		1

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0088	0089	0090	0094	0095	0095	0109	0110	0116	0117	0118	0118	0118	0118	0056	0057	0058	*TOTALS
Hemangioma																		1
Penis																		2
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangioma																		1
Hemangiosarcoma													X					1
Prostate	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	43
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Mesentery																		1
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Bilateral, Lipoma																		1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymph Node			+								+					+		8
Squamous Cell Carcinoma, Metastatic, Skin											X							1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangioma			X															1
Hemangiosarcoma																		1
Thymus	M	+	+	M	+	+	+	M	M	+	M	+	+	M	+	+	M	28
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0088	0089	0090	0094	0095	0095	0101	0102	0111	0111	0111	0111	0111	0111	0052	0052	0052	*TOTALS
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Fibroma, Multiple																		1
Hemangiosarcoma																		4
Sarcoma		X									X		X	X				9
Sarcoma, Multiple																		1
Squamous Cell Carcinoma											X							2
Squamous Cell Papilloma	X																	2
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolar/Bronchiolar Adenoma					X	X		X			X		X	X		X		11
Alveolar/Bronchiolar Adenoma, Multiple		X		X								X			X			8
Alveolar/Bronchiolar Carcinoma			X				X						X			X		7

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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0088	0089	0090	0049	0050	0051	0109	0020	0116	0117	0118	0182	0183	0184	0026	0027	0028	*TOTALS
Alveolar/Bronchiolar Carcinoma, Multiple	X																	1
Hepatocellular Carcinoma, Metastatic, Liver																		2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Special Senses System																		
Ear																		1
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma	X		X			X	X	X			X		X			X	X	17
Bilateral, Adenoma		X			X				X						X			4
Carcinoma							X											1
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin																		1
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Ureter																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Histiocytic Sarcoma												X						5

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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0088	0089	0090	0094	0095	0095	0109	0110	0116	0117	0118	0118	0118	0118	0056	0057	0058	*TOTALS
Lymphoma Malignant		X		X		X		X						X		X		10
Mesothelioma Malignant				X														1

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
DAY ON TEST	0120	0395	0453	0488	0524	0536	0552	0569	0588	0605	0614	0620	0626	0640	0649	0662	0668	0670	0684	0687	0690	0695	0698	0721	0726	0728	0734	0735	0744	0748	0751
ANIMAL ID	0047	0011	0013	0012	0018	0018	0015	0026	0028	0022	0025	0029	0024	0034	0028	0041	0036	0038	0033	0048	0041	0041	0062	0048	0042	0044	0081	0100	0071	0067	0130
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	A	+	+	+	+	A	A	+	A	+	+	+	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	M
Sarcoma, Metastatic, Skin																												X			
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	+	+	+	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																															
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	+	A	+	+	+	A	A	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+
Polyp Adenomatous																					X										
Intestine Small, Ileum	+	+	+	+	+	+	A	+	+	A	+	A	+	A	A	+	+	+	A	+	+	+	+	+	+	+	+	+	A	+	+
Intestine Small, Jejunum	A	+	A	+	+	+	A	+	+	A	+	+	+	A	A	+	+	+	A	+	+	A	+	A	+	A	+	+	A	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Hemangiosarcoma				X			X	X		X																X			X	X	
Hepatocellular Adenoma		X								X											X								X	X	X
Hepatocellular Adenoma, Multiple											X			X						X							X	X			
Hepatocellular Carcinoma																															
Sarcoma, Metastatic, Skin		X																		X								X			
Mesentery													+																		
Pancreas	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male
2.5%ETH/90PPMURE

DAY ON TEST	120	395	453	488	524	536	552	569	588	605	614	620	626	640	649	662	668	670	684	687	690	695	698	721	726	728	734	735	744	748	751
ANIMAL ID	0047	0111	0136	0124	0186	0185	0155	0262	0288	0224	0256	0294	0243	0340	0286	0419	0368	0385	0433	0483	0416	0410	0627	0481	0423	0445	0813	0101	0715	0674	0130
Sarcoma, Metastatic, Skin																												X			
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach									+																						
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																												X			
Squamous Cell Carcinoma																															
Squamous Cell Papilloma																															
Stomach, Glandular	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																															
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																											X				
Hemangiosarcoma							X					X						X													
Sarcoma, Metastatic, Skin																												X			
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																												X			
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Pheochromocytoma Benign																															

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
DAY ON TEST	0120	0395	0453	0488	0524	0536	0552	0569	0588	0605	0614	0620	0626	0640	0649	0662	0668	0670	0684	0687	0690	0695	0698	0721	0726	0728	0734	0735	0744	0748	0751
ANIMAL ID	0047	0011	0013	0012	0018	0018	0015	0026	0028	0024	0025	0029	0024	0034	0028	0041	0036	0038	0033	0048	0041	0041	0062	0048	0042	0044	0081	0101	0071	0067	0130
Pheochromocytoma Benign					X																									X	
Sarcoma, Metastatic, Skin																												X			
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																				X											
Parathyroid Gland	+	+	+	+	+	M	+	M	M	M	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	M	M	M	M
Pituitary Gland	+	M	+	+	+	+	M	+	+	+	+	+	+	+	M	M	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																															
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Penis	+				+																										
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma												X																			
Hemangiosarcoma																															
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Testes	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:29
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
DAY ON TEST	0120	0395	0453	0488	0524	0536	0552	0569	0588	0605	0614	0620	0626	0640	0649	0662	0668	0670	0684	0687	0690	0695	0698	0721	0726	0728	0734	0735	0744	0748	0751
ANIMAL ID	0047	0011	0013	0012	0018	0018	0015	0026	0028	0022	0025	0029	0024	0034	0028	0041	0036	0038	0033	0048	0041	0041	0062	0048	0042	0044	0081	0100	0071	0067	0130
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node						+		+	+				+	+								+							+		
Axillary, Sarcoma, Metastatic, Skin																													X		
Inguinal, Hemangiosarcoma								X																							
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Harderian Gland																				X											
Hemangiosarcoma								X																							
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
Carcinoma, Metastatic, Harderian Gland																				X											
Hemangiosarcoma								X																							X
Sarcoma, Metastatic, Skin																												X			
Spleen	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma							X																				X				
Thymus	+	M	+	+	M	+	+	+	+	M	+	M	+	+	M	+	M	+	+	M	+	+	+	+	+	+	M	+	M	M	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															X
Sarcoma, Metastatic, Skin																												X			
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
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ANIMAL ID	0047	0011	0013	0012	0018	0018	0015	0026	0028	0022	0025	0029	0024	0034	0028	0041	0036	0038	0048	0048	0041	0041	0062	0048	0042	0044	0081	0100	0071	0067	0130
Sarcoma																		X		X			X					X	X		
Sarcoma, Multiple		X																													
Squamous Cell Carcinoma					X					X						X	X														
Squamous Cell Papilloma			X																												
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																											X				
Vertebra, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															X
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic																											X				
Diaphragm, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																											X				
Sarcoma, Metastatic, Skin		X																													
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
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Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:30
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
DAY ON TEST	0120	0395	0453	0488	0524	0536	0552	0569	0588	0605	0614	0620	0626	0640	0649	0662	0668	0670	0684	0687	0690	0695	0698	0721	0726	0728	0734	0735	0744	0748	0751
ANIMAL ID	0047	0011	0013	0012	0018	0018	0015	0026	0028	0022	0025	0029	0024	0034	0028	0041	0036	0038	0033	0048	0041	0041	0062	0048	0042	0044	0081	0100	0071	0067	0130
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma				X									X	X		X	X			X	X	X			X						
Alveolar/Bronchiolar Adenoma, Multiple		X	X				X	X		X					X				X							X		X	X	X	
Alveolar/Bronchiolar Carcinoma								X			X	X			X		X	X	X		X			X	X		X	X			X
Alveolar/Bronchiolar Carcinoma, Multiple																							X								
Carcinoma, Metastatic, Harderian Gland																									X						
Hepatocellular Carcinoma, Metastatic, Liver																															
Sarcoma, Metastatic, Skin		X																		X								X			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma		X			X				X	X		X				X	X					X	X			X		X			X
Bilateral, Adenoma															X			X			X									X	
Bilateral, Carcinoma							X													X					X						
Carcinoma		X		X	X	X		X					X	X		X										X			X		X
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	M	+	M
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma								X															X								

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
DAY ON TEST	0120	0395	0453	0488	0524	0536	0552	0569	0588	0605	0614	0620	0626	0640	0649	0662	0668	0670	0684	0687	0690	0695	0698	0721	0726	0728	0734	0735	0744	0748	0751
ANIMAL ID	0047	0011	0013	0012	0018	0018	0015	0026	0028	0022	0025	0029	0024	0034	0028	0041	0036	0038	0033	0048	0041	0041	0062	0048	0042	0044	0081	0100	0071	0067	0130
Renal Tubule, Adenoma, Multiple																								X							
Sarcoma, Metastatic, Skin																												X			
Urinary Bladder	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma						X									X				X			X									
Lymphoma Malignant									X				X																		

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M ..Missing tissue
A ..Autolysis precludes evaluation
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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	755	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0100	0059	0064	0070	0079	0071	0075	0082	0089	0095	0093	0108	0112	0111	0112	0052	0053	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Sarcoma, Metastatic, Skin																		1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small										+								1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Polyp Adenomatous																		1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	X																	1
Hemangiosarcoma				X		X			X				X					11
Hepatocellular Adenoma		X		X			X	X					X		X	X		13
Hepatocellular Adenoma, Multiple			X		X	X				X		X					X	11
Hepatocellular Carcinoma		X			X	X				X								4
Sarcoma, Metastatic, Skin																		3
Mesentery				+												+		3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	075	064	064	064	064	064	064	064	064	064	064	064	064	064	064	065	065	
ANIMAL ID	0100	0059	0064	0070	0079	0071	0075	0082	0089	0095	0095	0100	0111	0117	0117	0052	0053	*TOTALS
Sarcoma, Metastatic, Skin																		1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach																		1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin																		1
Squamous Cell Carcinoma					X							X						2
Squamous Cell Papilloma												X				X		2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma								X										1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma			X															4
Sarcoma, Metastatic, Skin																		1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Bilateral, Pheochromocytoma Benign					X													1

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M ..Missing tissue
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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	755	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0100	0059	0064	0070	0079	0071	0075	0082	0089	0095	0095	0100	0112	0117	0117	0052	0053	*TOTALS
Pheochromocytoma Benign											X							3
Sarcoma, Metastatic, Skin																		1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma												X						2
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Follicular Cel, Adenoma		X												X				2
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma			X															1
Penis																		2
Preputial Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	46
Hemangioma							X						X					3
Hemangiosarcoma	X																	1
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma					X													1
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	755	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0100	0059	0064	0070	0079	0071	0075	0082	0089	0095	0095	0100	0112	0117	0117	0052	0053	*TOTALS
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node				+									+			+		10
Axillary, Sarcoma, Metastatic, Skin																		1
Inguinal, Hemangiosarcoma																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Carcinoma, Metastatic, Harderian Gland																		1
Hemangiosarcoma																		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	44
Carcinoma, Metastatic, Harderian Gland																		1
Hemangiosarcoma															X			3
Sarcoma, Metastatic, Skin																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma													X					3
Thymus	+	+	+	+	M	M	+	M	+	+	M	+	+	+	+	M	M	32
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	X																	2
Sarcoma, Metastatic, Skin																		1
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma																X		1

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	755	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0100	0059	0064	0070	0079	0071	0075	0082	0089	0095	0095	0100	0111	0117	0117	0052	0053	*TOTALS
Sarcoma										X							X	7
Sarcoma, Multiple																		1
Squamous Cell Carcinoma																		4
Squamous Cell Papilloma					X						X							3
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Vertebra, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic																		1
Diaphragm, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Sarcoma, Metastatic, Skin																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	47

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	755	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0100	0059	0064	0070	0079	0071	0075	0082	0089	0095	0095	0100	0112	0117	0117	0052	0053	*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma												X				X		11
Alveolar/Bronchiolar Adenoma, Multiple	X	X	X	X		X	X	X	X		X		X	X	X		X	24
Alveolar/Bronchiolar Carcinoma	X		X	X				X	X	X			X					20
Alveolar/Bronchiolar Carcinoma, Multiple						X								X		X		4
Carcinoma, Metastatic, Harderian Gland																		1
Hepatocellular Carcinoma, Metastatic, Liver		X			X					X								3
Sarcoma, Metastatic, Skin																		3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma				X	X		X	X	X						X	X		19
Bilateral, Adenoma	X	X	X										X					8
Bilateral, Carcinoma																		3
Carcinoma										X	X							13
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	46
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	43
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma																		2

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	755	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0100	0059	0064	0070	0079	0071	0075	0082	0089	0095	0095	0100	0112	0117	0117	0052	0053	*TOTALS
Renal Tubule, Adenoma, Multiple																		1
Sarcoma, Metastatic, Skin																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma		X						X								X		7
Lymphoma Malignant				X	X					X			X	X				7

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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Male
5.0%ETH/0PPM URE

DAY ON TEST	447	464	542	607	612	664	710	724	747	748	752	753	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0014	0048	0019	0045	0017	0046	0072	0068	0099	0110	0040	0047	0058	0085	0086	0087	0036	0037	0038	0073	0074	0075	0067	0068	0069	0070	0082	0028	0029	0098	0099
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Gallbladder	A	+	+	+	A	+	+	M	+	A	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	A	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																															
Intestine Large, Colon	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Intestine Small													+					+													
Intestine Small, Duodenum	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyp Adenomatous														X																	
Intestine Small, Ileum	A	A	+	+	A	+	+	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma		X																X													
Hepatocellular Adenoma				X			X					X				X			X				X		X				X		X
Hepatocellular Adenoma, Multiple																											X				
Hepatocellular Carcinoma	X							X	X			X						X													
Sarcoma, Metastatic, Skin											X																				
Mesentery																			+		+			+							
Hemangiosarcoma																															
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Male
5.0%ETH/0PPM URE

DAY ON TEST	447	464	542	607	612	664	710	724	747	748	752	753	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0014	0048	0099	0245	0217	0426	0472	0682	0999	0110	0940	0477	0584	0585	0586	0587	0636	0637	0638	0703	0704	0705	0767	0768	0769	0770	0827	0828	0829	0898	0899
Sarcoma, Metastatic, Skin							X																								
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma														X										X							
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																															
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Heart	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																		X											X		
Subcapsular, Adenoma																						X									
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																						X									
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	M	+	+	+	+	+	+	M	+	M	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	M	M	+
Pituitary Gland	M	+	+	+	M	+	M	+	M	+	M	+	M	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma						X																									
General Body System																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE																														
DAY ON TEST	0447	0464	0542	0607	0612	0664	0710	0724	0747	0748	0752	0753	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0014	0048	0019	0045	0017	0046	0072	0068	0099	0110	0040	0047	0084	0085	0086	0087	0036	0037	0038	0703	0704	0705	0767	0768	0769	0770	0827	0828	0829	0898	0899
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+
Prostate	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+			+							+																		+
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin				X					X																						
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	M	+	M	M	+	+	M	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma										X												X									

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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE																															
DAY ON TEST	044 7	046 4	054 2	060 7	061 2	066 4	071 0	072 4	074 7	074 8	075 2	075 3	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4
ANIMAL ID	0014	0014	0019	0024	0021	0042	0047	0068	0099	0110	0094	0047	0058	0058	0058	0058	0063	0063	0063	0063	0070	0070	0070	0076	0076	0076	0076	0077	0082	0082	0089	0089
Sarcoma				X			X		X	X		X																	X			
Sarcoma, Multiple											X																			X		
Musculoskeletal System																																
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																																
Brain, Cerebellum	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant	X																															
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																																
Larynx	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma							X																									
Alveolar/Bronchiolar Adenoma, Multiple																																
Alveolar/Bronchiolar Carcinoma																		X										X	X			
Sarcoma, Metastatic, Skin				X																												
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Special Senses System																																

* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:32
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/0PPM URE

DAY ON TEST	0447	0464	0542	0607	0612	0664	0710	0724	0747	0748	0752	0753	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0014	0048	0019	0045	0017	0042	0072	0068	0099	0110	0040	0047	0084	0085	0086	0087	0036	0037	0038	0003	0004	0005	0067	0068	0069	0070	0082	0028	0029	0098	0099
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Schwannoma Malignant, Metastatic, Peripheral Nerve	X																														
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																						X									
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																X						X									
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma			X			X																									
Lymphoma Malignant			X										X	X				X		X											X

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
5.0%ETH/0PPM URE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0090 0	0096 2	0096 3	0096 4	0096 5	0103 1	0103 2	0107 3	0107 4	0107 5	0112 7	0112 8	0113 3	0119 4	0119 5	0052 4	0052 5	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	42
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Carcinoma		X																1
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small																		2
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Polyp Adenomatous																		1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma																		2
Hepatocellular Adenoma	X				X		X	X	X			X		X		X		17
Hepatocellular Adenoma, Multiple																	X	2
Hepatocellular Carcinoma			X										X					7
Sarcoma, Metastatic, Skin																		1
Mesentery				+														4
Hemangiosarcoma				X														1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

* ..Total animals with tissue examined microscopically; Total animals with tumor
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M ..Missing tissue
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B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0090	0096	0096	0096	0096	0103	0103	0107	0107	0107	0112	0112	0119	0119	0119	0052	0052	*TOTALS
Sarcoma, Metastatic, Skin																		1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Squamous Cell Papilloma																		2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma						X												1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Endocrine System																		
Adrenal Gland, Cortex	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma																		2
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Pheochromocytoma Benign												X						2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	M	38
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	39
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	45
Follicular Cel, Adenoma																		1
General Body System																		

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B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	00900	00962	00963	00964	00965	01031	01032	01073	01074	01075	01127	01128	01193	01194	01195	00524	00525	*TOTALS
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	46
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma			X															1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node			+															5
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin																		2
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Thymus	M	+	+	+	+	+	M	+	+	+	M	+	M	+	M	M	+	34
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Fibroma																		2

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X ..Lesion present
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M ..Missing tissue
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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	00900	00962	00963	00964	00965	01031	01032	01073	01074	01075	01127	01128	01193	01194	01195	00524	00525	*TOTALS
Sarcoma	X			X								X			X			10
Sarcoma, Multiple																		2
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Schwannoma Malignant																		1
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma								X					X		X		X	5
Alveolar/Bronchiolar Adenoma, Multiple	X																	1
Alveolar/Bronchiolar Carcinoma		X														X		5
Sarcoma, Metastatic, Skin																		1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																		

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
5.0%ETH/0PPM URE

DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0090 0	0096 2	0096 3	0096 4	0096 5	0103 1	0103 2	0107 3	0107 4	0107 5	0112 7	0112 8	0119 3	0119 4	0119 5	0052 4	0052 5	*TOTALS
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Schwannoma Malignant, Metastatic, Peripheral Nerve																		1
Harderian Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma						X		X			X	X						5
Lacrimal Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	47
Zymbal's Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma																		2
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		2
Lymphoma Malignant			X	X			X	X		X	X							12

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male
5.0%ETH/10PPMURE

DAY ON TEST	013	029	029	038	042	051	052	054	059	062	066	066	068	070	071	073	074	074	074	074	074	074	074	074	074	074	074	074	074	074	074
ANIMAL ID	0003	0075	0094	0105	0115	0175	0150	0205	0227	0226	0430	0433	0462	0447	0810	0808	0499	0695	0109	0572	0573	0574	0575	0629	0630	0697	0772	0773	0774	0775	0833
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	A	A	A	A	A	+	+	+	+	A	M	A	+	+	+	+	+	A	+	+	+	+	+	+	+	M	+	+	+	+
Intestine Large, Cecum	+	A	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	A	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Carcinoma								X																							
Intestine Small														+																+	
Intestine Small, Duodenum	+	A	A	A	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	A	+	+	+	A	+	+	+	+	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Hemangiosarcoma										X																					
Hepatocellular Adenoma																	X	X					X					X			X
Hepatocellular Adenoma, Multiple																													X	X	
Hepatocellular Carcinoma								X	X								X				X						X			X	
Mesentery																															
Pancreas	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma																															

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B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																															
DAY ON TEST	013	296	299	384	421	517	529	542	592	620	662	663	680	701	711	739	747	747	748	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0003 9	0007 5	0009 4	0010 5	0011 5	0017 5	0015 0	0020 5	0022 7	0022 6	0043 0	0043 3	0046 2	0044 7	0081 0	0080 8	0049 9	0069 5	0110 9	0057 2	0057 3	0057 4	0057 5	0062 9	0063 0	0069 7	0077 2	0077 3	0077 4	0077 5	0083 3
Squamous Cell Papilloma																															
Stomach, Glandular	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma																															
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																														X	
Adrenal Gland, Medulla	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																X								X	X		X				
Islets, Pancreatic	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																															
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	M	+	+
Pituitary Gland	M	+	+	+	M	+	+	+	+	+	+	+	A	M	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male
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DAY ON TEST	013	296	299	384	421	517	529	542	592	620	662	663	680	701	711	739	747	747	748	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0003 9	0007 5	0009 4	0010 5	0011 5	0017 5	0015 0	0020 5	0022 7	0022 6	0043 0	0043 3	0046 2	0044 7	0081 0	0080 8	0049 9	0069 5	0110 9	0057 2	0057 3	0057 4	0057 5	0062 9	0063 0	0069 7	0077 2	0077 3	0077 4	0077 5	0083 3
Coagulating Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstit Cell, Adenoma																															
Hematopoietic System																															
Bone Marrow	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															X
Lymph Node			+											+	+															+	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																X															
Lymph Node, Mesenteric	+	M	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Spleen	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															X
Thymus	+	+	+	M	+	M	+	+	M	+	+	+	M	+	+	M	+	+	+	+	+	+	M	M	+	M	M	+	+	+	+
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma																							X								
Sarcoma						X							X			X	X	X	X						X					X	

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DAY ON TEST	013	029	029	038	042	051	052	054	059	062	066	066	068	070	071	073	074	074	074	074	074	074	074	074	074	074	074	074	074	074	074
ANIMAL ID	0039	0075	0094	0105	0115	0175	0150	0205	0227	0226	0430	0433	0462	0447	0810	0808	0499	0695	0109	0572	0573	0574	0575	0629	0630	0697	0772	0773	0774	0775	0833
Sarcoma, Multiple								X							X																
Squamous Cell Papilloma											X																				
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma																			X												
Sarcoma, Metastatic, Skin																		X													
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																											X				
Alveolar/Bronchiolar Adenoma, Multiple																															
Alveolar/Bronchiolar Carcinoma																									X		X			X	
Hepatocellular Carcinoma, Metastatic, Liver								X	X																						
Sarcoma, Metastatic, Skin						X		X										X	X												
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male
5.0%ETH/10PPMURE

DAY ON TEST	013	296	299	384	421	517	529	542	592	620	662	663	680	701	711	739	747	747	748	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0039	0075	0094	0105	0115	0175	0150	0205	0227	0226	0430	0433	0462	0447	0810	0808	0499	0695	0109	0572	0573	0574	0575	0629	0630	0697	0772	0773	0774	0775	0833
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma						X		X														X	X			X		X	X		
Carcinoma																			X												
Lacrimal Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urethra										+																					
Urinary Bladder	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																							X								
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia Granulocytic					X																										
Lymphoma Malignant														X																X	

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0094	0095	0096	0097	0099	0102	0102	0102	0106	0106	0106	0112	0123	0118	0051	0051	0051	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	46
Gallbladder	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	37
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Carcinoma																		1
Intestine Small																		2
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangioma							X			X								2
Hemangiosarcoma	X																	2
Hepatocellular Adenoma	X																	6
Hepatocellular Adenoma, Multiple		X																3
Hepatocellular Carcinoma					X							X		X				9
Mesentery													+					1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Squamous Cell Carcinoma				X														1

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0094	0095	0096	0097	0099	0102	0102	0102	0106	0106	0106	0112	0112	0118	0051	0051	0051	*TOTALS
Squamous Cell Papilloma				X					X									2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Squamous Cell Carcinoma		X																1
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	46
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma								X								X		3
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	46
Pheochromocytoma Benign				X							X							6
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma									X									1
Parathyroid Gland	+	+	+	+	M	+	M	+	+	+	+	M	+	M	+	+	+	38
Pituitary Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	M	+	39
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	47
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0094	0095	0096	0097	0099	0102	0102	0102	0106	0106	0106	0112	0112	0118	0051	0051	0051	*TOTALS
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	46
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	46
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Interstit Cell, Adenoma											X							1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma																		1
Lymph Node											+							5
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma, Metastatic, Skin																		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma																		1
Thymus	+	+	M	+	M	+	+	+	+	M	+	+	+	M	+	M	M	33
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Fibroma				X														2
Sarcoma																		8

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\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0094	0095	0096	0097	0099	0124	0125	0126	0167	0168	0169	0122	0123	0189	0513	0514	0515	*TOTALS
Sarcoma, Multiple																		2
Squamous Cell Papilloma					X													2
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma																		1
Sarcoma, Metastatic, Skin																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma		X	X	X			X				X				X			7
Alveolar/Bronchiolar Adenoma, Multiple									X									1
Alveolar/Bronchiolar Carcinoma						X												4
Hepatocellular Carcinoma, Metastatic, Liver																		2
Sarcoma, Metastatic, Skin																		4
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0094	0095	0096	0097	0099	0102	0102	0102	0106	0106	0106	0112	0123	0118	0051	0051	0051	*TOTALS
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma	X	X								X			X			X		12
Carcinoma									X									2
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Zymbal's Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	45
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Urethra																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangioma																		1
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia Granulocytic																		1
Lymphoma Malignant	X	X				X		X		X	X		X				X	10

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:35
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/30PPMURE

DAY ON TEST	017	021	036	041	044	049	050	053	057	061	062	064	065	066	067	067	067	067	071	071	071	073	076	076	076	076	076	076	076	076	076
ANIMAL ID	0065	0064	0085	0121	0117	0143	0169	0166	0167	0315	0350	0401	0446	0411	0321	0322	0441	0471	0392	0434	0501	0567	0879	0582	0583	0635	0762	0763	0764	0825	0826
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	M	A	+	+	+	A	A	M	A	+	M	M	+	+	+	+	A	+	+	A	+	A	A	A	+	+	+	+	+	+	+
Intestine Large															+				+												
Intestine Large, Cecum	+	+	+	+	A	A	A	A	A	+	A	+	+	+	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	A	A	A	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																X															
Intestine Small																															
Intestine Small, Duodenum	+	A	+	A	+	A	A	A	A	+	A	+	+	+	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+
Polyp Adenomatous																													X		
Intestine Small, Ileum	A	A	+	+	A	A	A	A	A	+	A	+	+	+	+	+	+	+	+	A	+	A	A	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	A	+	+	A	A	A	A	A	+	A	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Hemangiosarcoma														X													X				
Hepatocellular Adenoma												X									X	X			X						X
Hepatocellular Adenoma, Multiple									X																			X			
Hepatocellular Carcinoma									X										X												
Ito Cell Tumor Malignant																															
Sarcoma, Metastatic, Skin						X																									
Mesentery																									+					+	

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																														
DAY ON TEST	017	021	036	041	044	049	050	053	057	061	062	064	065	066	067	067	067	071	071	071	073	076	076	076	076	076	076	076	076	076
ANIMAL ID	0006	0006	0008	0012	0011	0014	0016	0016	0016	0031	0035	0040	0044	0041	0032	0032	0044	0047	0039	0043	0050	0056	0087	0058	0058	0063	0076	0076	0082	0082
Hemangiosarcoma																													X	
Pancreas	+	+	+	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																														
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma																						X								
Squamous Cell Papilloma										X																	X			
Stomach, Glandular	+	+	+	+	+	A	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																														
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma														X																
Endocrine System																														
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																							X							
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign							X											X												X
Islets, Pancreatic	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																														
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+
Pituitary Gland	+	+	M	+	M	M	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male
5.0%ETH/30PPMURE

DAY ON TEST	017	021	036	041	044	049	050	053	057	061	062	064	065	066	067	067	067	071	071	071	073	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0006 5	0006 4	0008 5	0012 1	0011 7	0014 3	0016 9	0016 6	0016 7	0031 5	0035 0	0040 1	0044 6	0041 1	0032 1	0032 2	0044 1	0047 1	0039 2	0044 3	0050 1	0056 7	0087 9	0058 2	0058 3	0063 5	0076 2	0076 3	0076 4	0082 5	0082 6
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Penis																															
Preputial Gland	+	+	+	+	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																															
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node															+		+					+		+	+						
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	M	A	A	+	M	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin						X																									
Thymus	M	+	+	+	+	A	+	M	+	+	M	+	+	+	+	+	M	M	M	M	+	M	M	+	+	+	+	M	+	M	+

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B6C3F1/NCTR Mouse Male
5.0%ETH/30PPMURE

DAY ON TEST	017	021	036	041	044	049	050	053	057	061	062	064	065	066	067	067	067	071	071	071	073	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0006 5	0006 4	0008 5	0012 1	0011 7	0014 3	0016 9	0016 6	0016 7	0031 5	0035 0	0040 1	0044 6	0041 1	0032 1	0032 2	0044 1	0047 1	0039 2	0044 3	0050 1	0056 7	0087 9	0058 2	0058 3	0063 5	0076 2	0076 3	0076 4	0082 5	0082 6
Thymoma Benign			X																												
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	+	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma																															
Fibroma, Multiple																															
Osteosarcoma														X																	
Sarcoma			X		X	X	X			X				X	X						X		X	X							
Sarcoma, Multiple													X			X		X													
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Rhabdomyosarcoma																															
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:36
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/30PPMURE

DAY ON TEST	017	021	036	041	044	049	050	053	057	061	062	064	065	066	067	067	067	071	071	071	073	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0065	0064	0085	0121	0117	0143	0169	0166	0167	0315	0350	0401	0446	0411	0321	0322	0441	0471	0392	0434	0501	0567	0879	0582	0583	0635	0762	0763	0764	0825	0826
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma							X								X								X								
Alveolar/Bronchiolar Adenoma, Multiple																										X	X				
Alveolar/Bronchiolar Carcinoma																X				X								X			
Hepatocellular Carcinoma, Metastatic, Liver									X																						
Sarcoma, Metastatic, Skin						X							X																		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma							X					X	X		X			X							X		X	X			
Bilateral, Adenoma																										X			X		
Carcinoma								X																							
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin						X										X															
Urethra		+		+			+																								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:36
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/30PPMURE

DAY ON TEST	017	021	036	041	044	049	050	053	057	061	062	064	065	066	067	067	067	071	071	071	073	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0065	0064	0085	0121	0117	0143	0169	0166	0167	0315	0350	0401	0446	0411	0321	0322	0441	0471	0392	0434	0501	0567	0879	0582	0583	0635	0762	0763	0764	0825	0826
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma											X						X					X		X							
Lymphoma Malignant																									X						X

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0117 9	0118 0	0118 1	0052 1	0052 2	0052 3	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	+	+	A	M	+	+	+	+	M	+	+	+	A	+	+	A	30
Intestine Large																		2
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	38
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin																		1
Intestine Small				+													+	2
Intestine Small, Duodenum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	36
Polyp Adenomatous																		1
Intestine Small, Ileum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	36
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	38
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma						X						X						2
Hemangiosarcoma	X		X															4
Hepatocellular Adenoma					X		X	X		X	X				X	X	X	13
Hepatocellular Adenoma, Multiple														X				3
Hepatocellular Carcinoma																		2
Ito Cell Tumor Malignant		X																1
Sarcoma, Metastatic, Skin																		1
Mesentery																		2

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0117 9	0118 0	0118 1	0052 1	0052 2	0052 3	*TOTALS
Hemangiosarcoma																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangioma						X												1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Squamous Cell Carcinoma																		1
Squamous Cell Papilloma		X																3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma																		1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	46
Pheochromocytoma Benign																		3
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Carcinoma															X			1
Parathyroid Gland	+	+	+	+	M	M	+	+	+	M	+	+	+	+	+	+	M	41
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0117 9	0118 0	0118 1	0052 1	0052 2	0052 3	*TOTALS
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Penis						+		+										2
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangioma												X						1
Prostate	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	45
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma	X																	1
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node		+	+	+								+					+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin																		1
Thymus	+	+	+	+	+	M	+	+	+	+	+	M	+	M	+	+	M	32

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ANIMAL ID	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0111 7	0118 0	0118 1	0052 1	0052 2	0052 3	*TOTALS
Thymoma Benign																		1
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Fibroma						X												1
Fibroma, Multiple								X										1
Osteosarcoma																		1
Sarcoma							X	X										12
Sarcoma, Multiple																		3
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Rhabdomyosarcoma														X				1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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ANIMAL ID	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0117 9	0118 0	0118 1	0052 1	0052 2	0052 3	*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma			X					X					X					6
Alveolar/Bronchiolar Adenoma, Multiple						X												3
Alveolar/Bronchiolar Carcinoma	X						X											5
Hepatocellular Carcinoma, Metastatic, Liver																		1
Sarcoma, Metastatic, Skin																		2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma						X	X	X					X					12
Bilateral, Adenoma			X															3
Carcinoma																X		2
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin																		2
Urethra																		3
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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DAY ON TEST	764	764	764	764	764	764	764	764	764	764	764	764	764	764	765	765	765	
ANIMAL ID	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0111 9	0118 0	0118 1	0052 1	0052 2	0052 3	*TOTALS
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		4
Lymphoma Malignant			X	X							X	X				X	X	8

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:37
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/90PPMURE

DAY ON TEST	138	296	355	444	467	478	507	507	553	570	577	580	593	618	620	623	643	670	673	684	690	691	697	702	707	710	710	711	717	747	748
ANIMAL ID	0040	0082	0102	0120	0128	0162	0127	0170	0161	0204	0293	0287	0249	0264	0275	0299	0257	0383	0324	0503	0345	0502	0491	0428	0679	0486	0623	0742	0875	0455	0505
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	A	A	+	+	+	A	A	+	M	A	+	+	A	A	+	+	A	+	A	+	+	A	+	A	A	+	+	+	A
Intestine Large																													+		
Anus, Squamous Cell Carcinoma																															
Intestine Large, Cecum	+	+	+	A	+	+	+	A	+	+	A	A	+	+	A	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	A
Intestine Large, Colon	+	+	+	A	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																								+		+					
Intestine Small, Duodenum	+	+	+	A	+	+	+	A	A	+	A	A	+	+	A	+	+	+	A	+	A	+	+	+	+	+	A	+	+	+	+
Hemangioma																															X
Intestine Small, Ileum	+	+	+	A	+	+	+	A	+	+	A	A	+	+	A	+	+	+	A	+	A	+	+	+	+	+	A	+	+	+	+
Intestine Small, Jejunum	+	+	+	A	+	+	+	A	A	+	A	A	+	+	A	+	+	+	A	+	A	+	+	+	+	A	A	+	+	A	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma								X								X								X				X			
Hepatoblastoma																															
Hepatocellular Adenoma										X							X			X				X						X	
Hepatocellular Adenoma, Multiple																															
Hepatocellular Carcinoma									X	X				X		X	X	X													
Pancreas	+	+	+	A	+	+	+	A	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																															
DAY ON TEST	013 8	029 6	035 5	044 4	046 7	047 8	050 7	050 7	055 3	057 0	057 7	058 0	059 3	061 8	062 0	062 3	064 3	067 0	067 3	068 4	069 0	069 1	069 7	070 2	070 7	071 0	071 0	071 1	071 7	074 7	074 8
ANIMAL ID	0040	0082	0102	0120	0128	0162	0127	0170	0161	0204	0293	0287	0249	0264	0275	0299	0257	0383	0324	0503	0345	0502	0491	0428	0679	0486	0623	0742	0875	0455	0505
Rhabdomyosarcoma, Metastatic, Skeletal Muscle										X																					
Stomach													+																		
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Squamous Cell Carcinoma																															
Squamous Cell Papilloma																							X								X
Stomach, Glandular	+	+	+	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma																											X				
Cardiovascular System																															
Blood Vessel	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung									X																					X	
Hemangiosarcoma																		X													
Sarcoma, Metastatic, Thymus																															
Endocrine System																															
Adrenal Gland										+																					
Rhabdomyosarcoma, Metastatic, Skeletal Muscle										X																					
Adrenal Gland, Cortex	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+
Adrenal Gland, Medulla	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+

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B6C3F1/NCTR Mouse Male
5.0%ETH/90PPMURE

DAY ON TEST	013	029	035	044	046	047	050	050	055	057	057	058	059	061	062	062	064	067	067	068	069	069	069	070	070	071	071	071	071	074	074
ANIMAL ID	0040	0082	0102	0120	0128	0162	0127	0170	0161	0204	0293	0287	0249	0264	0275	0299	0257	0383	0324	0503	0345	0502	0491	0428	0679	0486	0623	0742	0875	0445	0505
Adrenal Gland, Medulla	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+
Pheochromocytoma Benign																															
Pheochromocytoma Malignant																						X									
Islets, Pancreatic	+	+	+	A	+	+	+	A	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	M	M	+	+	+	+	M	+	+	M	+	+	+	M	+	M	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+
Pituitary Gland	M	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																															
Tissue NOS						+																									
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X																									
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	A	+	+	+	+	+	M	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node		+	+								+		+	+			+				+			+		+			+	+	

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DAY ON TEST	013 8	029 6	035 5	044 4	046 7	047 8	050 7	050 7	055 3	057 0	057 7	058 0	059 3	061 8	062 0	062 3	064 3	067 0	067 3	068 4	069 0	069 1	069 7	070 2	070 7	071 0	071 0	071 1	071 7	074 7	074 8
ANIMAL ID	0040	0082	0102	0120	0128	0162	0127	0170	0161	0204	0293	0287	0249	0264	0275	0299	0257	0383	0324	0503	0345	0502	0491	0428	0679	0486	0623	0742	0875	0455	0505
Renal, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																														X	
Lymph Node, Mandibular	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	M	+	+	+	+
Hemangiosarcoma																						X									
Spleen	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Thymus	+	+	+	M	+	M	+	+	+	+	M	+	M	+	+	+	+	M	A	+	+	+	M	+	M	M	M	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung									X																					X	
Sarcoma																															
Thymoma Benign																															
Integumentary System																															
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	A	M	M	M	M	M	M	M	M	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																						X									
Fibroma																															
Hemangiosarcoma																X															
Lipoma								X																							
Sarcoma					X									X						X		X	X				X	X			
Sarcoma, Multiple																															
Sebaceous Gl, Adenoma																								X							
Squamous Cell Carcinoma																															

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\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																														
DAY ON TEST	013 8	029 6	035 5	044 4	046 7	047 8	050 7	050 7	055 3	057 0	057 7	058 0	059 3	061 8	062 0	062 3	064 3	067 0	067 3	068 4	069 0	069 1	069 7	070 2	070 7	071 0	071 0	071 1	071 7	074 7	074 8
ANIMAL ID	0040	0082	0010 2	0012 0	0012 8	0016 2	0012 7	0017 0	0016 1	0020 4	0029 3	0028 7	0024 9	0026 4	0027 5	0029 9	0025 7	0038 3	0032 4	0050 3	0034 5	0050 2	0049 1	0042 8	0067 9	0048 6	0062 3	0074 2	0087 5	0045 5	0050 5
Squamous Cell Papilloma																										X		X			
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Sternum, Carcinoma, Metastatic, Harderian Gland																															
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Rhabdomyosarcoma										X																					
Nervous System																															
Brain, Cerebellum	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma			X	X	X			X		X	X	X		X			X	X		X							X				
Alveolar/Bronchiolar Adenoma, Multiple																X			X		X	X		X				X	X	X	X
Alveolar/Bronchiolar Carcinoma						X			X					X	X	X									X	X			X	X	X
Alveolar/Bronchiolar Carcinoma, Multiple																															
Carcinoma, Metastatic, Harderian Gland																															
Hemangiosarcoma																															

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																															
DAY ON TEST	013 8	029 6	035 5	044 4	046 7	047 8	050 7	050 7	055 3	057 0	057 7	058 0	059 3	061 8	062 0	062 3	064 3	067 0	067 3	068 4	069 0	069 1	069 7	070 2	070 7	071 0	071 0	071 1	071 7	074 7	074 8
ANIMAL ID	0040	0082	0010 2	0012 0	0012 8	0016 2	0012 7	0017 0	0016 1	0020 4	0029 3	0028 7	0024 9	0026 4	0027 5	0029 9	0025 7	0038 3	0032 4	0050 3	0034 5	0050 2	0049 1	0042 8	0067 9	0048 6	0062 3	0074 2	0087 5	0045 5	0050 5
Hepatocellular Carcinoma, Metastatic, Liver														X				X													
Rhabdomyosarcoma, Metastatic, Skeletal Muscle										X																					
Sarcoma, Metastatic, Thymus																															
Nose	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Ear															+																
Eye	+	+	+	+	+	+	+	+	M	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Adenoma				X								X				X		X		X						X	X	X			X
Bilateral, Adenoma					X									X			X		X		X	X	X							X	
Bilateral, Carcinoma						X																									
Carcinoma															X									X							
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	M	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	M	+	+	M	+	+	+
Carcinoma																															
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																														X	
Hemangiosarcoma																	X														

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M ..Missing tissue
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B6C3F1/NCTR Mouse Male
5.0%ETH/90PPMURE

DAY ON TEST	013	029	035	044	046	047	050	050	055	057	057	058	059	061	062	062	064	067	067	068	069	069	069	070	070	071	071	071	071	074	074	074
ANIMAL ID	0040	0082	0102	0120	0128	0162	0127	0170	0161	0204	0293	0287	0249	0264	0275	0299	0257	0383	0324	0503	0345	0502	0491	0428	0679	0486	0623	0742	0875	0455	0505
Renal Tubule, Carcinoma																															
Urinary Bladder	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma						X																									
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma											X		X						X		X										
Lymphoma Malignant		X	X									X					X							X		X			X	X	X

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	751	753	754	760	762	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0115 1	0049 3	0099 8	0087 6	0115 3	0064 4	0071 4	0074 7	0074 8	0081 6	0088 3	0103 3	0107 6	0112 9	0119 6	0053 5	0062 2	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	32
Intestine Large															+			2
Anus, Squamous Cell Carcinoma															X			1
Intestine Large, Cecum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Small																		2
Intestine Small, Duodenum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Hemangioma																		1
Intestine Small, Ileum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	36
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma		X	X	X	X	X	X	X			X	X						13
Hepatoblastoma												X						1
Hepatocellular Adenoma		X					X				X		X					9
Hepatocellular Adenoma, Multiple									X			X					X	3
Hepatocellular Carcinoma	X	X												X				9
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	751	753	754	760	762	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	01151	00493	00998	00876	01153	00644	00714	00747	00748	00816	00883	01033	01076	01129	01196	00535	00622	*TOTALS
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																		1
Stomach																		1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma						X												1
Squamous Cell Carcinoma														X				1
Squamous Cell Papilloma				X						X				X				5
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Squamous Cell Carcinoma																		1
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		2
Hemangiosarcoma		X										X	X					4
Sarcoma, Metastatic, Thymus	X																	1
Endocrine System																		
Adrenal Gland																		1
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																		1
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	751	753	754	760	762	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0115 1	0049 3	0099 8	0087 6	0115 3	0064 4	0071 4	0074 7	0074 8	0081 6	0088 3	0103 3	0107 6	0112 9	0119 6	0053 5	0062 2	*TOTALS
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Pheochromocytoma Benign		X				X												2
Pheochromocytoma Malignant																		1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Parathyroid Gland	+	+	+	M	+	M	+	+	M	+	+	+	+	+	+	+	+	37
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	42
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
General Body System																		
Tissue NOS																		1
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Genital System																		
Coagulating Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node			+				+	+								+		15

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	751	753	754	760	762	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0115 1	0049 3	0099 8	0087 6	0115 3	0064 4	0071 4	0074 7	0074 8	0081 6	0088 3	0103 3	0107 6	0112 9	0119 6	0053 5	0062 2	*TOTALS
Renal, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymph Node, Mesenteric	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Hemangiosarcoma																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangiosarcoma		X																1
Thymus	+	+	+	M	+	+	+	M	+	M	+	+	+	+	+	+	+	35
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		2
Sarcoma	X																	1
Thymoma Benign												X						1
Integumentary System																		
Mammary Gland	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Basal Cell Adenoma															X			2
Fibroma			X															1
Hemangiosarcoma																		1
Lipoma																		1
Sarcoma				X						X	X				X			11
Sarcoma, Multiple													X					1
Sebaceous Gl, Adenoma																		1
Squamous Cell Carcinoma		X																1

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	075 1	075 3	075 4	076 0	076 2	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 5	076 5	
ANIMAL ID	0115 1	0049 3	0099 8	0087 6	0115 3	0064 4	0071 4	0074 7	0074 8	0081 6	0088 3	0103 3	0107 6	0112 9	0119 6	0053 5	0062 2	*TOTALS
Squamous Cell Papilloma	X				X				X		X							6
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sternum, Carcinoma, Metastatic, Harderian Gland						X												1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Rhabdomyosarcoma																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma				X	X				X				X		X	X	X	19
Alveolar/Bronchiolar Adenoma, Multiple			X				X	X			X	X						14
Alveolar/Bronchiolar Carcinoma			X	X			X			X							X	15
Alveolar/Bronchiolar Carcinoma, Multiple									X					X				2
Carcinoma, Metastatic, Harderian Gland						X												1
Hemangiosarcoma		X																1

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	751	753	754	760	762	764	764	764	764	764	764	764	764	764	764	765	765	
ANIMAL ID	0115 1	0049 3	0099 8	0087 6	0115 3	0064 4	0071 4	0074 7	0074 8	0081 6	0088 3	0103 3	0107 6	0112 9	0119 6	0053 5	0062 2	*TOTALS
Hepatocellular Carcinoma, Metastatic, Liver																		2
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																		1
Sarcoma, Metastatic, Thymus	X																	1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Ear																		1
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoma		X	X	X								X			X	X	X	16
Bilateral, Adenoma													X	X				10
Bilateral, Carcinoma	X				X													3
Carcinoma			X			X			X	X	X							7
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Carcinoma					X													1
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma			X							X								3

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DAY ON TEST	751	753	754	760	762	764	764	764	764	764	764	764	764	764	764	765	765	
B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
ANIMAL ID	0115 1	0049 3	0099 8	0087 6	0115 3	0064 4	0071 4	0074 7	0074 8	0081 6	0088 3	0103 3	0107 6	0112 9	0119 6	0053 5	0062 2	*TOTALS
Renal Tubule, Carcinoma							X											1
Urinary Bladder	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Carcinoma																		1
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma								X										5
Lymphoma Malignant			X				X		X					X		X		14

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
I ..Insufficient tissue
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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:40
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 0PPM URE

DAY ON TEST	541	616	636	639	642	724	725	747	761	761	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0020 3	0020 9	0030 9	0027 3	0042 5	0068 3	0068 5	0050 0	0105 3	0105 4	0061 1	0061 2	0061 3	0061 4	0066 1	0066 2	0073 4	0073 5	0073 6	0073 7	0079 6	0079 7	0079 8	0079 9	0086 8	0086 9	0087 0	0093 0	0093 1	0093 2	0093 3
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																															
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma												X																			
Hepatocellular Adenoma, Multiple														X																	
Mesentery	+																											+			
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																												X	X		
Stomach, Glandular	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
0% ETH/ 0PPM URE

DAY ON TEST	541	616	636	639	642	724	725	747	761	761	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0020 3	0020 20	0030 9	0027 3	0042 5	0068 3	0068 5	0050 0	0105 3	0105 4	0061 1	0061 2	0061 3	0061 4	0066 1	0066 2	0073 4	0073 5	0073 6	0073 7	0079 6	0079 7	0079 8	0079 9	0086 8	0086 9	0087 0	0093 0	0093 1	0093 2	0093 3
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Adenoma					X																										
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																								X							
Parathyroid Gland	+	+	+	+	+	M	+	M	M	+	M	M	+	+	M	+	+	+	+	+	M	M	M	+	+	+	+	+	M	M	+
Pituitary Gland	M	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Pars Distalis, Adenoma					X													X					X								
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																															
General Body System																															
Tissue NOS																										+					
Genital System																															
Clitoral Gland	+	+	+	+	+	+	M	M	+	+	M	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cystadenoma																															
Hemangioma																															
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal																					X										

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B6C3F1/NCTR Mouse Female 0% ETH/ 0PPM URE																															
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ANIMAL ID	00203	00220	00309	00273	00425	00683	00685	00500	01053	01054	00611	00612	00613	00614	00661	00662	00734	00735	00736	00737	00796	00797	00798	00799	00868	00869	00870	00930	00931	00932	00933
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																													X		
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+			+	+		+							+										+	+				
Lymph Node, Mandibular	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	M	+	+	M	+	+	+	+	+	+	+	+	+
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Adenocarcinoma												X	X	X																	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma															X														X		X
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																													X		
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	541	616	636	639	642	724	725	747	761	761	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	00203	00220	00309	00273	00425	00683	00685	00500	01053	01054	00611	00612	00613	00614	00661	00662	00734	00735	00736	00737	00796	00797	00798	00799	00868	00869	00870	00930	00931	00932	00933
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																					X	X									
Alveolar/Bronchiolar Carcinoma					X																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma								X																						X	
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma		X																													

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:41
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 0PPM URE

DAY ON TEST	541	616	636	639	642	724	725	747	761	761	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0020 3	0020 0	0030 9	0027 3	0042 5	0068 3	0068 5	0050 0	0105 3	0105 4	0061 1	0061 2	0061 3	0061 4	0066 1	0066 2	0073 4	0073 5	0073 6	0073 7	0079 6	0079 7	0079 8	0079 9	0086 8	0086 9	0087 0	0093 0	0093 1	0093 2	0093 3
Histiocytic Sarcoma		X																													
Lymphoma Malignant			X			X	X		X	X					X	X								X		X	X				

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DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	
ANIMAL ID	0098 6	0098 7	0098 8	0104 4	0104 5	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	0055 8	0055 9	0056 0	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small			+															1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hepatocellular Adenoma			X			X												3
Hepatocellular Adenoma, Multiple														X				2
Mesentery								+										3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Squamous Cell Papilloma																		2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	
ANIMAL ID	0098 6	0098 7	0098 8	0104 4	0104 5	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	0055 8	0055 9	0056 0	*TOTALS
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma																		1
Parathyroid Gland	+	+	+	M	+	M	M	+	+	+	+	+	M	+	+	+	M	32
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	42
Pars Distalis, Adenoma			X	X											X		X	7
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	47
Follicular Cel, Adenoma							X											1
General Body System																		
Tissue NOS																		1
Genital System																		
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cystadenoma				X						X								2
Hemangioma							X											1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma Stromal																		1

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ANIMAL ID	0098 6	0098 7	0098 8	0104 4	0104 5	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	0055 8	0055 9	0056 0	*TOTALS
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin																		1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node							+				+	+						10
Lymph Node, Mandibular	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	45
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Thymus	M	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenocarcinoma												X						4
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma															X			4
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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0% ETH/ 0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	
ANIMAL ID	0098 6	0098 7	0098 8	0104 4	0104 5	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	0055 8	0055 9	0056 0	*TOTALS
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma		X								X								4
Alveolar/Bronchiolar Carcinoma					X													2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma												X						3
Lacrimal Gland	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	45
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		1

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
0% ETH/ 0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	
ANIMAL ID	0098 6	0098 7	0098 8	0104 4	0104 5	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	0055 8	0055 9	0056 0	*TOTALS
Histiocytic Sarcoma																		1
Lymphoma Malignant	X		X	X			X				X	X						16

* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
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B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	489	510	594	643	648	672	684	728	739	741	742	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0020 10	0020 0	0030 4	0035 8	0029 8	0039 8	0044 4	0044 8	0045 6	0067 6	0061 8	0061 9	0062 0	0066 6	0066 7	0072 7	0072 8	0072 9	0073 0	0078 3	0078 4	0085 0	0085 1	0085 2	0091 3	0091 4	0091 5	0097 4	0097 5	0097 6
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	A	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large						+																									
Intestine Large, Cecum	+	+	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small								+																							
Polyp Adenomatous								X																							
Intestine Small, Duodenum	M	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma							X							X						X					X		X				
Hepatocellular Adenoma, Multiple																		X													
Hepatocellular Carcinoma										X																					
Mesentery																								+			+				
Pancreas	+	A	M	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma														X																	
Squamous Cell Papilloma																															

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B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	489	510	594	643	648	672	684	728	739	741	742	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0021 0	0020 0	0030 4	0035 8	0029 8	0039 8	0044 4	0044 8	0045 6	0067 6	0061 8	0061 9	0062 0	0066 6	0066 7	0072 7	0072 8	0072 9	0073 0	0078 3	0078 4	0085 0	0085 1	0085 2	0091 3	0091 4	0091 5	0097 4	0097 5	0097 6
Stomach, Glandular	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland						+																									
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Adrenal Gland, Medulla	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	A	M	A	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	M	+	+	M	M	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	M	M	M	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma								X								X											X				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																															
Tissue NOS		+																													
Genital System																															
Clitoral Gland	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	M	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Luteoma																												X			
Uterus	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	489	510	594	643	648	672	684	728	739	741	742	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0020 10	0020 0	0030 4	0035 8	0029 8	0039 8	0044 4	0044 8	0045 6	0067 6	0061 8	0061 9	0062 0	0066 6	0066 7	0072 7	0072 8	0072 9	0073 0	0078 3	0078 4	0085 0	0085 1	0085 2	0091 3	0091 4	0091 5	0097 4	0097 5	0097 6
Uterus	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Adenoma																X															
Hemangioma																															
Vagina	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basosquamous Tumor Benign																															
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node		+	+			+	+		+																		+				
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Sarcoma																X															
Spleen	+	A	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Lymph Node																X															
Thymus	+	+	+	M	M	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	M	+	+	+
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma							X																								
Adenocarcinoma																		X													
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Histiocytoma																															
Papilloma																															
Sarcoma								X			X																	X			

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:43
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	489	510	594	643	648	672	684	728	739	741	742	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0021 0	0020 0	0030 4	0035 8	0029 8	0039 8	0044 4	0044 8	0045 6	0067 6	0061 8	0061 9	0062 0	0066 6	0066 7	0072 7	0072 8	0072 9	0073 0	0078 3	0078 4	0085 0	0085 1	0085 2	0091 3	0091 4	0091 5	0097 4	0097 5	0097 6
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Rhabdomyosarcoma																					X										
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma, Metastatic, Mammary Gland							X																								
Alveolar/Bronchiolar Adenoma										X									X						X				X		
Alveolar/Bronchiolar Carcinoma										X	X														X						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 00602-05
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Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

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Test Compound: Urethane + ethanol (combination)
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Date Report Requested: 10/18/2014
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First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	489	510	594	643	648	672	684	728	739	741	742	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
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Adenoma					X		X	X						X						X				X							
Carcinoma																X															
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	M	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma			X	X																											
Lymphoma Malignant		X				X			X																		X	X			

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B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0104 9	0105 0	0105 1	0105 2	0109 8	0109 9	0110 0	0111 0 1	0114 6	0114 7	0114 8	0114 9	0121 8	0121 9	0122 0	0055 4	0055 5	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large																		1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Small																		1
Polyp Adenomatous																		1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hepatocellular Adenoma								X					X	X				8
Hepatocellular Adenoma, Multiple																	X	2
Hepatocellular Carcinoma																		1
Mesentery						+	+											4
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Squamous Cell Carcinoma																		1
Squamous Cell Papilloma		X		X										X				3

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B6C3F1/NCTR Mouse Female
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DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0104 9	0105 0	0105 1	0105 2	0109 8	0109 9	0110 0	0110 1	0114 6	0114 7	0114 8	0114 9	0121 8	0121 9	0122 0	0055 4	0055 5	*TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland																		1
Adrenal Gland, Cortex	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adrenal Gland, Medulla	M	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	42
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	38
Pituitary Gland	+	+	+	+	+	+	+	+	M	M	M	+	+	+	M	+	+	42
Pars Distalis, Adenoma												X						4
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	47
General Body System																		
Tissue NOS																		1
Genital System																		
Clitoral Gland	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	41
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Luteoma																		1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0104 9	0105 0	0105 1	0105 2	0109 8	0109 9	0110 0	0110 1	0114 6	0114 7	0114 8	0114 9	0121 8	0121 9	0122 0	0055 4	0055 5	*TOTALS
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Endometrium, Adenoma																		1
Hemangioma									X									1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Basosquamous Tumor Benign													X					1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymph Node						+												7
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Sarcoma																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Sarcoma, Metastatic, Lymph Node																		1
Thymus	+	+	+	+	M	+	M	+	+	+	+	M	M	+	+	+	+	37
Integumentary System																		
Mammary Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	46
Adenoacanthoma																		1
Adenocarcinoma								X		X								3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Fibrous Histiocytoma										X								1
Papilloma				X														1
Sarcoma																		3

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B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0104 9	0105 0	0105 1	0105 2	0109 8	0109 9	0110 0	0110 1	0114 6	0114 7	0114 8	0114 9	0121 8	0121 9	0122 0	0055 4	0055 5	*TOTALS
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Rhabdomyosarcoma																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	47
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	46
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoacanthoma, Metastatic, Mammary Gland																		1
Alveolar/Bronchiolar Adenoma			X													X		6
Alveolar/Bronchiolar Carcinoma															X			4
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0104 9	0105 0	0105 1	0105 2	0109 8	0109 9	0110 0	0110 1	0114 6	0114 7	0114 8	0114 9	0121 8	0121 9	0122 0	0055 4	0055 5	*TOTALS
Adenoma	X							X					X		X			10
Carcinoma																		1
Lacrimal Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	47
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		2
Lymphoma Malignant						X												6

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B6C3F1/NCTR Mouse Female 0% ETH/ 30PPMURE																														
DAY ON TEST	0424	0438	0521	0522	0522	0549	0554	0616	0635	0649	0669	0675	0678	0696	0701	0710	0712	0719	0725	0746	0763	0765	0765	0765	0765	0765	0765	0765	0765	0765
ANIMAL ID	0010 1	0011 2	0018 2	0015 8	0018 4	0022 3	0020 2	0027 1	0040 6	0038 0	0041 7	0030 2	0047 9	0035 3	0057 1	0056 1	0043 5	0049 6	0043 2	0062 5	0056 8	0060 6	0065 3	0065 4	0072 1	0072 2	0079 0	0079 1	0085 8	0085 9	0092 1
Alimentary System																														
Esophagus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus									X																					
Intestine Large, Cecum	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Uterus					X																									
Intestine Large, Rectum	+	+	M	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus									X																					
Sarcoma, Metastatic, Uterus					X																									
Intestine Small, Duodenum	+	+	+	+	M	M	A	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus									X																					
Liver	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																													X	
Hepatocellular Adenoma														X				X							X		X		X	X	
Hepatocellular Adenoma, Multiple																			X			X		X		X		X			X
Hepatocellular Carcinoma																								X						
Leiomyosarcoma, Metastatic, Uterus									X																					
Mesentery													+		+			+												
Pancreas	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Female
0% ETH/ 30PPMURE

DAY ON TEST	424	438	521	522	522	549	554	616	635	649	669	675	678	696	701	710	712	719	725	746	763	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0010 1	0012	0018 2	0015 8	0018 4	0022 3	0022 0	0027 1	0040 6	0038 0	0041 7	0030 2	0047 9	0035 3	0057 1	0056 1	0043 5	0049 6	0043 2	0062 5	0056 8	0060 6	0065 3	0065 4	0072 1	0072 2	0079 0	0079 1	0085 8	0085 9	0092 1
Leiomyosarcoma, Metastatic, Uterus									X																						
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant		X																													
Squamous Cell Papilloma																	X						X								
Stomach, Glandular	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus									X																						
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																		X													
Hemangiosarcoma																															
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Subcapsular, Adenoma																											X				
Adrenal Gland, Medulla	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+
Islets, Pancreatic	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	M	+	M	+	+	+	+	+	+	M	M	+	M	+	M	+	M	M	+	M	M	M	M	M	+	M
Pituitary Gland	+	+	+	+	+	M	M	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	M	+	+	+	+	M
Pars Distalis, Adenoma										X														X							
Thyroid Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Follicular Cel, Adenoma																		X													
General Body System																															
Tissue NOS			+																												
Abdominal, Sarcoma			X																												
Genital System																															
Clitoral Gland	+	M	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Ovary	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma, Tubular																														X	
Cystadenoma																															
Granulosa Cell Tumor Benign																															
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Leiomyosarcoma									X																						
Polyp Stromal																										X					
Sarcoma					X																										
Sarcoma Stromal			X																												
Vagina	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus									X																						
Sarcoma, Metastatic, Uterus					X																										
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Lymph Node					+		+	+	+		+		+	+	+		+				+										
Renal, Leiomyosarcoma, Metastatic, Uterus									X																						
Lymph Node, Mandibular	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Lymph Node, Mesenteric	M	+	M	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus									X																						
Spleen	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Leiomyosarcoma, Metastatic, Uterus									X																						
Thymus	M	M	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	M	M	+	M	M	+	+	+	+	M
Leiomyosarcoma, Metastatic, Uterus									X																						
Integumentary System																															
Mammary Gland	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma												X																			
Adenocarcinoma														X		X						X									
Adenoma											X																				
Basosquamous Tumor Malignant				X																											
Skin	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Carcinoma																		X													
Basosquamous Tumor Malignant																				X											
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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ANIMAL ID	0010 1	0012	0018 2	0015 8	0018 4	0022 3	0020 2	0027 1	0040 6	0038 0	0041 7	0030 2	0047 9	0035 3	0057 1	0056 1	0043 5	0049 6	0043 2	0062 5	0056 8	0060 6	0065 3	0065 4	0072 1	0072 2	0079 0	0079 1	0085 8	0085 9	0092 1
Hemangiosarcoma																															X
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma		X		X						X		X		X							X					X				X
Alveolar/Bronchiolar Adenoma, Multiple																X		X						X							
Alveolar/Bronchiolar Carcinoma									X		X									X		X									
Alveolar/Bronchiolar Carcinoma, Multiple																			X												
Basal Cell Carcinoma, Metastatic, Skin																		X													
Basosquamous Tumor Malignant, Metastatic, Mammary Gland				X																											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:45
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 30PPMURE

DAY ON TEST	424	438	521	522	522	549	554	616	635	649	669	675	678	696	701	710	712	719	725	746	763	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0010 1	0011 2	0018 2	0015 8	0018 4	0022 3	0020 2	0027 1	0040 6	0038 0	0041 7	0030 2	0047 9	0035 3	0057 1	0056 1	0043 5	0049 6	0043 2	0062 5	0056 8	0060 6	0065 3	0065 4	0072 1	0072 2	0079 0	0079 1	0085 8	0085 9	0092 1
Adenoma							X		X				X		X												X				
Carcinoma								X			X			X						X		X	X		X					X	X
Lacrimal Gland	+	+	+	+	+	+	M	+	M	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	M	+	M	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus									X																						
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma													X								X										
Lymphoma Malignant						X	X	X			X				X		X														

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B6C3F1/NCTR Mouse Female
0% ETH/ 30PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	
ANIMAL ID	0092 2	0092 3	0092 4	0097 7	0097 8	0097 9	0107 9	0108 0	0113 5	0113 6	0113 7	0120 0	0120 1	0120 2	0054 6	0054 7	0054 8	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Leiomyosarcoma, Metastatic, Uterus																		1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Uterus																		1
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Leiomyosarcoma, Metastatic, Uterus																		1
Sarcoma, Metastatic, Uterus																		1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Leiomyosarcoma, Metastatic, Uterus																		1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma																		1
Hepatocellular Adenoma	X					X					X					X		10
Hepatocellular Adenoma, Multiple			X					X							X			9
Hepatocellular Carcinoma							X											2
Leiomyosarcoma, Metastatic, Uterus																		1
Mesentery						+	+	+								+		7
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	
ANIMAL ID	0092 2	0092 3	0092 4	0097 7	0097 8	0097 9	0107 9	0108 0	0113 5	0113 6	0113 7	0120 0	0120 1	0120 2	0054 6	0054 7	0054 8	*TOTALS
Leiomyosarcoma, Metastatic, Uterus																		1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Mast Cell Tumor Malignant																		1
Squamous Cell Papilloma	X																	3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Leiomyosarcoma, Metastatic, Uterus																		1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma																		1
Hemangiosarcoma																	X	1
Endocrine System																		
Adrenal Gland, Cortex	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Parathyroid Gland	+	+	+	M	+	+	+	M	M	+	+	+	+	+	+	+	+	31
Pituitary Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	40
Pars Distalis, Adenoma			X		X											X		5
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	
ANIMAL ID	0092 2	0092 3	0092 4	0097 7	0097 8	0097 9	0107 9	0108 0	0113 5	0113 6	0113 7	0120 0	0120 1	0120 2	0054 6	0054 7	0054 8	*TOTALS
Follicular Cel, Adenoma																		1
General Body System																		
Tissue NOS																		1
Abdominal, Sarcoma																		1
Genital System																		
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	43
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma, Tubular															X			2
Cystadenoma			X															1
Granulosa Cell Tumor Benign								X							X			2
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma						X										X		2
Leiomyosarcoma																		1
Polyp Stromal																		1
Sarcoma																		1
Sarcoma Stromal																		1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Leiomyosarcoma, Metastatic, Uterus																		1
Sarcoma, Metastatic, Uterus																		1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

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ANIMAL ID	0092 2	0092 3	0092 4	0097 7	0097 8	0097 9	0107 9	0108 0	0113 5	0113 6	0113 7	0120 0	0120 1	0120 2	0054 6	0054 7	0054 8	*TOTALS
Lymph Node															+		+	12
Renal, Leiomyosarcoma, Metastatic, Uterus																		1
Lymph Node, Mandibular	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	45
Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Leiomyosarcoma, Metastatic, Uterus																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma																X		1
Leiomyosarcoma, Metastatic, Uterus																		1
Thymus	+	M	M	+	+	+	M	M	+	M	+	+	+	M	+	+	+	32
Leiomyosarcoma, Metastatic, Uterus																		1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoacanthoma																		1
Adenocarcinoma																		3
Adenoma																	X	2
Basosquamous Tumor Malignant																		1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Basal Cell Carcinoma																		1
Basosquamous Tumor Malignant																		1
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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ANIMAL ID	0092 2	0092 3	0092 4	0097 7	0097 8	0097 9	0107 9	0108 0	0113 5	0113 6	0113 7	0120 0	0120 1	0120 2	0054 6	0054 7	0054 8	*TOTALS
Hemangiosarcoma																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma											X	X	X	X	X			13
Alveolar/Bronchiolar Adenoma, Multiple																X		4
Alveolar/Bronchiolar Carcinoma		X	X	X		X						X			X			10
Alveolar/Bronchiolar Carcinoma, Multiple							X	X										3
Basal Cell Carcinoma, Metastatic, Skin																		1
Basosquamous Tumor Malignant, Metastatic, Mammary Gland																		1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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ANIMAL ID	00922	00923	00924	00977	00978	00979	01079	01080	01135	01136	01137	01200	01201	01202	00546	00547	00548	*TOTALS
Adenoma				X				X									X	8
Carcinoma												X	X					11
Lacrimal Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	43
Zymbal's Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	46
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Leiomyosarcoma, Metastatic, Uterus																		1
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma					X													3
Lymphoma Malignant															X		X	8

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DAY ON TEST	193	391	427	436	466	522	523	548	551	573	576	578	584	590	592	593	605	618	618	620	635	635	642	643	650	662	676	676	678	678	680
ANIMAL ID	0006	0010	0013	0018	0014	0019	0016	0018	0016	0018	0019	0025	0042	0026	0023	0024	0024	0023	0027	0037	0038	0040	0025	0030	0031	0040	0041	0049	0036	0044	0050
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	M	+	M	+	+	+	+	M	+	+	+	+
Sarcoma, Metastatic, Skin																															
Intestine Large			+																						+						
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Sarcoma, Metastatic, Uncertain Primary Site																															
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Intestine Small																									+						
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma									X																		X	X			X
Hepatocellular Adenoma																					X										
Hepatocellular Adenoma, Multiple														X						X		X		X	X		X				X
Hepatocellular Carcinoma																												X			
Sarcoma, Metastatic, Skin																															
Mesentery																							+	+				+			
Sarcoma, Metastatic, Skin																							X								

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DAY ON TEST	0193	0391	0427	0436	0466	0522	0523	0548	0551	0573	0576	0578	0584	0590	0592	0593	0605	0618	0618	0620	0635	0635	0642	0643	0650	0662	0676	0676	0678	0678	0680
ANIMAL ID	0006 6	0010 9	0013 3	0011 8	0014 9	0021 9	0016 5	0018 0	0016 4	0018 9	0019 0	0025 3	0024 2	0026 1	0023 5	0024 7	0024 0	0023 7	0027 8	0037 8	0038 1	0040 7	0025 5	0030 7	0031 1	0040 3	0041 5	0049 0	0036 1	0044 2	0050 9
Pancreas	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Sarcoma, Metastatic, Uncertain Primary Site																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma																										X					
Squamous Cell Papilloma																	X														
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																															
Bilateral, Adenoma																															
Hemangiosarcoma																											X				
Sarcoma, Metastatic, Uncertain Primary Site																															
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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ANIMAL ID	0006 6	0010 9	0013 3	0011 8	0014 9	0021 9	0016 5	0018 0	0016 4	0018 9	0019 0	0025 3	0024 2	0026 1	0023 5	0024 7	0024 0	0023 7	0027 8	0037 8	0038 1	0040 7	0025 5	0030 7	0031 1	0040 3	0041 5	0049 0	0036 1	0044 2	0050 9
Pituitary Gland	+	+	+	+	M	+	+	M	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	M	+
Pars Distalis, Adenoma																													X		
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma					X																										
Follicular Cel, Carcinoma																															
General Body System																															
Tissue NOS			+								+									+					+						
Sarcoma											X																				
Genital System																															
Clitoral Gland	M	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	M	+	+	M	+	+	+	M	+	+	+	M
Ovary	+	+	+	+	+	+	+	+	+	+	+	M	M	M	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	M
Adenoma, Tubular																															
Cystadenoma																	X														
Granulosa Cell Tumor Benign											X																				
Granulosa Cell Tumor Malignant																					X									X	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Adenoma																														X	
Hemangiosarcoma																											X				
Polyp Stromal											X																				
Sarcoma																															
Vagina	+	+	+	+	+	M	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma																					X										

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B6C3F1/NCTR Mouse Female 0% ETH/ 90PPMURE																														
DAY ON TEST	0193	0391	0427	0436	0466	0522	0523	0548	0551	0573	0576	0578	0584	0590	0592	0593	0605	0618	0618	0620	0635	0635	0642	0643	0650	0662	0676	0676	0678	0680
ANIMAL ID	0006 6	0010 9	0013 3	0011 8	0014 9	0021 9	0016 5	0018 0	0016 4	0018 9	0019 0	0025 3	0024 2	0026 1	0023 5	0024 7	0024 0	0023 7	0027 8	0037 8	0038 1	0040 7	0025 5	0030 7	0031 1	0040 3	0041 5	0049 0	0036 1	0044 2	0050 9
Squamous Cell Papilloma											X																			
Hematopoietic System																														
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+		+		+										+								+				+	+
Renal, Lymphangioma																														
Lymph Node, Mandibular	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+
Adenocarcinoma, Metastatic, Uncertain Primary Site																														
Lymph Node, Mesenteric	+	A	+	+	+	+	+	+	+	+	+	+	M	M	M	+	+	A	A	+	+	+	+	M	+	+	+	+	+	+	+
Sarcoma, Metastatic, Uncertain Primary Site																														
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																	X											X		
Sarcoma, Metastatic, Skin																														
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	M	+	M	M	M	M	+	M	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																						X								
Sarcoma, Metastatic, Skin																														
Sarcoma, Metastatic, Uncertain Primary Site																														
Integumentary System																														
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma							X						X			X						X		X		X			X		
Adenocarcinoma		X								X									X				X		X		X	X		X	

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B6C3F1/NCTR Mouse Female
0% ETH/ 90PPMURE

DAY ON TEST	193	391	427	436	466	522	523	548	551	573	576	578	584	590	592	593	605	618	618	620	635	635	642	643	650	662	676	676	678	678	680
ANIMAL ID	0006	0010	0013	0018	0014	0019	0016	0018	0016	0018	0019	0025	0042	0026	0023	0024	0024	0023	0027	0037	0038	0040	0025	0030	0031	0040	0041	0049	0036	0044	0050
Adenoma																															
Fibroadenoma																															
Sarcoma, Metastatic, Skin																															
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Carcinoma									X																						
Hemangiosarcoma																	X														
Sarcoma														X									X								
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Femur, Hemangioma																															
Rib, Right, Osteosarcoma																															
Sternum, Sarcoma											X																				
Sternum, Sarcoma, Metastatic, Skin																															
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																						X									
Diaphragm, Sarcoma, Metastatic, Skin																															
Sarcoma, Metastatic, Uncertain Primary Site																															
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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0% ETH/ 90PPMURE

DAY ON TEST	193	391	427	436	466	522	523	548	551	573	576	578	584	590	592	593	605	618	618	620	635	635	642	643	650	662	676	676	678	678	680
ANIMAL ID	0006	0010	0013	0018	0014	0021	0016	0018	0016	0018	0019	0025	0042	0026	0023	0024	0024	0023	0027	0037	0038	0040	0025	0030	0031	0040	0041	0049	0036	0044	0050
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Adenoacanthoma, Metastatic, Mammary Gland							X									X										X			X		
Alveolar/Bronchiolar Adenoma		X	X	X							X								X		X			X		X			X		X
Alveolar/Bronchiolar Adenoma, Multiple									X						X		X	X		X			X				X				
Alveolar/Bronchiolar Carcinoma												X											X				X				
Alveolar/Bronchiolar Carcinoma, Multiple								X		X																		X		X	
Basosquamous Tumor Malignant, Metastatic, Zymbal'S Gland																															
Carcinoma, Metastatic, Harderian Gland																															
Carcinoma, Metastatic, Mammary Gland										X																					
Granulosa Cell Tumor Malignant, Metastatic, Ovary																					X										
Hemangiosarcoma																												X			
Hepatocellular Carcinoma, Metastatic, Liver																												X			
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:48
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 90PPMURE

DAY ON TEST	193	391	427	436	466	522	523	548	551	573	576	578	584	590	592	593	605	618	618	620	635	635	642	643	650	662	676	676	678	678	680
ANIMAL ID	0006	0010	0013	0018	0014	0021	0016	0018	0016	0018	0019	0025	0042	0026	0023	0024	0024	0023	0027	0037	0038	0040	0025	0030	0031	0040	0041	0049	0036	0044	0050
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma					X		X					X		X	X	X		X		X	X					X	X			X	
Bilateral, Adenoma																															
Bilateral, Carcinoma																												X			X
Carcinoma								X		X												X									
Lacrimal Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	M	M	M	+	+	M	+
Zymbal's Gland	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basosquamous Tumor Malignant																															
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma															X																
Sarcoma, Metastatic, Skin														X																	
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																									X						
Lymphoma Malignant	X		X	X	X		X										X			X										X	X

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B6C3F1/NCTR Mouse Female
0% ETH/ 90PPMURE

DAY ON TEST	0683	0686	0694	0696	0705	0710	0714	0717	0721	0723	0725	0739	0744	0745	0753	0756	0765	
ANIMAL ID	0031 2	0057 0	0044 9	0034 1	0074 5	0067 0	0067 7	0074 0	0062 8	0077 9	0044 7	0043 1	0068 0	0073 9	0099 7	0081 5	0108 7	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	43
Sarcoma, Metastatic, Skin				X														1
Intestine Large																		2
Intestine Large, Cecum	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	45
Intestine Large, Colon	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin				X														1
Sarcoma, Metastatic, Uncertain Primary Site												X						1
Intestine Large, Rectum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	46
Intestine Small																		1
Intestine Small, Duodenum	+	+	+	+	+	+	A	A	A	+	+	+	+	+	+	+	+	44
Intestine Small, Ileum	+	+	+	+	+	+	A	A	A	+	+	+	+	+	+	+	+	44
Intestine Small, Jejunum	+	+	+	+	+	+	A	A	A	+	+	+	+	+	+	+	+	44
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma				X							X				X			7
Hepatocellular Adenoma	X																	2
Hepatocellular Adenoma, Multiple		X		X	X	X		X		X	X			X		X		16
Hepatocellular Carcinoma																		1
Sarcoma, Metastatic, Skin				X														1
Mesentery				+						+		+						6
Sarcoma, Metastatic, Skin				X														2

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B6C3F1/NCTR Mouse Female
0% ETH/ 90PPMURE

DAY ON TEST	0683	0686	0694	0696	0705	0710	0714	0717	0721	0723	0725	0739	0744	0745	0753	0756	0765	
ANIMAL ID	0031 2	0057 0	0044 9	0034 1	0074 5	0067 0	0067 7	0074 0	0062 8	0077 9	0047 4	0043 1	0068 0	0073 9	0099 7	0081 5	0108 7	*TOTALS
Pancreas	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	44
Sarcoma, Metastatic, Skin				X														1
Sarcoma, Metastatic, Uncertain Primary Site												X						1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	47
Stomach, Forestomach	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	46
Squamous Cell Carcinoma																		1
Squamous Cell Papilloma						X				X								3
Stomach, Glandular	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	47
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	46
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland																+		1
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma										X								1
Bilateral, Adenoma						X												1
Hemangiosarcoma																		1
Sarcoma, Metastatic, Uncertain Primary Site												X						1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Islets, Pancreatic	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	44
Parathyroid Gland	+	+	+	+	+	+	M	M	+	+	+	M	M	+	M	+	M	40

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B6C3F1/NCTR Mouse Female
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DAY ON TEST	0683	0686	0694	0696	0705	0710	0714	0717	0721	0723	0725	0739	0744	0745	0753	0756	0765	
ANIMAL ID	0031 2	0057 0	0044 9	0034 1	0074 5	0067 0	0067 7	0074 0	0062 8	0077 9	0047 4	0043 1	0068 0	0073 9	0099 7	0081 5	0108 7	*TOTALS
Pituitary Gland	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	39
Pars Distalis, Adenoma																		1
Thyroid Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	45
Follicular Cel, Adenoma										X								2
Follicular Cel, Carcinoma																	X	1
General Body System																		
Tissue NOS																		4
Sarcoma																		1
Genital System																		
Clitoral Gland	+	+	+	+	+	M	M	+	+	+	+	+	+	M	+	+	+	37
Ovary	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	M	+	39
Adenoma, Tubular								X										1
Cystadenoma																		1
Granulosa Cell Tumor Benign			X					X										3
Granulosa Cell Tumor Malignant			X															3
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Endometrium, Adenoma																		1
Hemangiosarcoma					X													2
Polyp Stromal																		1
Sarcoma															X			1
Vagina	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	43
Squamous Cell Carcinoma																		1

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B6C3F1/NCTR Mouse Female 0% ETH/ 90PPMURE																		
DAY ON TEST	683	686	694	696	705	710	714	717	721	723	725	739	744	745	753	756	765	
ANIMAL ID	0031 2	0050 70	0044 49	0034 1	0074 5	0067 0	0067 7	0074 0	0062 8	0077 9	0047 4	0043 1	0068 0	0073 9	0099 7	0081 5	0108 7	*TOTALS
Squamous Cell Papilloma																		1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	47
Lymph Node	+	+	+			+		+		+		+	+		+		+	17
Renal, Lymphangioma												X						1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	42
Adenocarcinoma, Metastatic, Uncertain Primary Site	X																	1
Lymph Node, Mesenteric	+	+	+	M	+	+	+	+	A	+	+	+	+	+	+	+	+	39
Sarcoma, Metastatic, Uncertain Primary Site												X						1
Spleen	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	46
Hemangiosarcoma			X											X				4
Sarcoma, Metastatic, Skin				X														1
Thymus	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	38
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			X		X									X				4
Sarcoma, Metastatic, Skin															X			1
Sarcoma, Metastatic, Uncertain Primary Site												X						1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoacanthoma		X					X					X				X		11
Adenocarcinoma					X	X											X	11

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B6C3F1/NCTR Mouse Female
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DAY ON TEST	0683	0686	0694	0696	0705	0710	0714	0717	0721	0723	0725	0739	0744	0745	0753	0756	0765	
ANIMAL ID	0031 2	0057 0	0044 9	0034 1	0074 5	0067 0	0067 7	0074 0	0062 8	0077 9	0044 7	0043 1	0068 0	0073 9	0099 7	0081 5	0108 7	*TOTALS
Adenoma													X					1
Fibroadenoma								X										1
Sarcoma, Metastatic, Skin				X														1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Basal Cell Carcinoma																		1
Hemangiosarcoma			X															2
Sarcoma		X		X											X	X		6
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Femur, Hemangioma											X							1
Rib, Right, Osteosarcoma																	X	1
Sternum, Sarcoma																		1
Sternum, Sarcoma, Metastatic, Skin				X														1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Diaphragm, Sarcoma, Metastatic, Skin				X														1
Sarcoma, Metastatic, Uncertain Primary Site												X						1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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DAY ON TEST	0683	0686	0694	0696	0705	0710	0714	0717	0721	0723	0725	0739	0744	0745	0753	0756	0765	
ANIMAL ID	00312	00570	00449	00341	00745	00670	00677	00740	00628	00779	00474	00431	00680	00739	00997	00815	01087	*TOTALS
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	45
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoacanthoma, Metastatic, Mammary Gland							X											5
Alveolar/Bronchiolar Adenoma				X		X												12
Alveolar/Bronchiolar Adenoma, Multiple	X	X	X				X	X	X				X		X	X	X	17
Alveolar/Bronchiolar Carcinoma					X							X	X					6
Alveolar/Bronchiolar Carcinoma, Multiple			X				X	X	X	X	X			X		X	X	13
Basosquamous Tumor Malignant, Metastatic, Zymbal'S Gland								X										1
Carcinoma, Metastatic, Harderian Gland						X												1
Carcinoma, Metastatic, Mammary Gland																		1
Granulosa Cell Tumor Malignant, Metastatic, Ovary																		1
Hemangiosarcoma																		1
Hepatocellular Carcinoma, Metastatic, Liver																		1
Nose	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	46
Trachea	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	46
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

DAY ON TEST	0683	0686	0694	0696	0705	0710	0714	0717	0721	0723	0725	0739	0744	0745	0753	0756	0765	
B6C3F1/NCTR Mouse Female 0% ETH/ 90PPMURE																		
ANIMAL ID	0031 2	0057 0	0044 9	0034 1	0074 5	0067 0	0067 7	0074 0	0062 8	0077 9	0047 4	0043 1	0068 0	0073 9	0099 7	0081 5	0108 7	*TOTALS
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma		X	X			X	X	X			X				X	X		20
Bilateral, Adenoma													X					1
Bilateral, Carcinoma				X					X									4
Carcinoma	X					X		X									X	7
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	40
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Basosquamous Tumor Malignant								X										1
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma																		1
Sarcoma, Metastatic, Skin				X														2
Urinary Bladder	+	+	+	+	+	+	A	+	+	+	+	M	+	+	M	+	+	41
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma			X										X					3
Lymphoma Malignant		X				X				X					X	X	X	15

* ..Total animals with tissue examined microscopically; Total animals with tumor
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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:50
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
2.5%ETH/0PPM URE

DAY ON TEST	598	608	608	608	608	677	718	752	764	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0024 4	0031 7	0031 8	0031 9	0032 0	0035 9	0049 5	0110 7	0088 1	0064 8	0064 9	0065 0	0065 1	0071 8	0071 9	0072 0	0079 3	0079 4	0079 5	0086 0	0086 1	0086 2	0092 7	0092 8	0092 9	0092 8 2	0092 8 3	0092 8 4	0092 8 5	0109 4	0109 5
Alimentary System																															
Esophagus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small											+																				
Intestine Small, Duodenum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Hepatocellular Adenoma															X												X				
Hepatocellular Adenoma, Multiple																												X			
Hepatocellular Carcinoma								X																							
Ito Cell Tumor Malignant											X																				
Mesentery													+																		
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Female 2.5%ETH/0PPM URE

DAY ON TEST	598	608	608	608	608	677	718	752	764	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0024 4	0031 7	0031 8	0031 9	0032 0	0035 9	0049 5	0110 7	0088 1	0064 8	0064 9	0065 0	0065 1	0071 8	0071 9	0072 0	0079 3	0079 4	0079 5	0086 0	0086 1	0086 2	0092 7	0092 8	0092 9	0098 2	0098 3	0098 4	0098 5	0109 4	0109 5
Cardiovascular System																															
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Adenocarcinoma, Metastatic, Mammary Gland							X																								
Adenoma																															
Adrenal Gland, Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																															
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																						X									
Parathyroid Gland		+	M	+	+	+	+	+	+	M	+	+	M	M	M	+	M	+	+	+	+	+	M	+	M	+	+	+	M	+	+
Pituitary Gland		+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma						X	X												X					X			X				
Thyroid Gland		+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																															
General Body System																															
NONE																															
Genital System																															
Clitoral Gland		+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	M	+	+	+	M	M	+	+	+	+	+	I	+	+

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B6C3F1/NCTR Mouse Female 2.5%ETH/0PPM URE																														
DAY ON TEST	598	608	608	608	608	677	718	752	764	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0024 4	0031 7	0031 8	0031 9	0032 0	0035 9	0049 5	0110 7	0088 1	0064 8	0064 9	0065 0	0065 1	0071 8	0071 9	0072 0	0079 3	0079 4	0079 5	0086 0	0086 1	0086 2	0092 7	0092 8	0092 9	0098 2	0098 3	0098 4	0098 5	0109 4	0109 5
Ovary		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma, Tubular																															
Cystadenoma									X																						
Uterus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyoma																															
Vagina		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node						+			+						+	+					+										+
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	M	+
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus		+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Integumentary System																															
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma							X		X							X															
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																		X													
Sarcoma																															
Musculoskeletal System																															
Bone		+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Female 2.5%ETH/0PPM URE																														
DAY ON TEST	598	608	608	608	608	677	718	752	764	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0024 4	0031 7	0031 8	0031 9	0032 0	0035 9	0049 5	0110 7	0088 1	0064 8	0064 9	0065 0	0065 1	0071 8	0071 9	0072 0	0079 3	0079 4	0079 5	0086 0	0086 1	0086 2	0092 7	0092 8	0092 9	0098 2	0098 3	0098 4	0098 5	0109 4	0109 5
Skeletal Muscle		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Cerebellum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma, Multiple, Metastatic, Mammary Gland							X																								
Alveolar/Bronchiolar Adenoma										X		X											X	X							
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																															
Carcinoma																															
Lacrimal Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M
Zymbal's Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
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M ..Missing tissue
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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:51
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
2.5%ETH/0PPM URE

DAY ON TEST	598	608	608	608	608	677	718	752	764	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0024 4	0031 7	0031 8	0031 9	0032 0	0035 9	0049 5	0110 7	0088 1	0064 8	0064 9	0065 0	0065 1	0071 8	0071 9	0072 0	0079 3	0079 4	0079 5	0086 0	0086 1	0086 2	0092 7	0092 8	0092 9	0098 2	0098 3	0098 4	0098 5	0109 4	0109 5
Urinary System																															
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant						X			X		X					X					X										X

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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female
2.5%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0109 6	0109 7	0115 4	0115 5	0115 6	0115 7	0116 5	0116 6	0116 7	0121 4	0121 5	0121 6	0121 7	0054 1	0054 2	0054 3	0054 4	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small																		1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma				X														1
Hepatocellular Adenoma								X	X									4
Hepatocellular Adenoma, Multiple				X														2
Hepatocellular Carcinoma																		1
Ito Cell Tumor Malignant																		1
Mesentery															+			2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

* ..Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1/NCTR Mouse Female
2.5%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0109 6	0109 7	0115 4	0115 5	0115 6	0115 7	0116 5	0116 6	0116 7	0121 4	0121 5	0121 6	0121 7	0054 1	0054 2	0054 3	0054 4	*TOTALS
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenocarcinoma, Metastatic, Mammary Gland																		1
Adenoma														X				1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	45
Pheochromocytoma Benign																	X	1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma																		1
Parathyroid Gland	M	+	M	+	+	+	+	+	M	+	M	+	+	+	+	+	+	34
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	44
Pars Distalis, Adenoma									X						X			7
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicular Cel, Adenoma									X									1
General Body System																		
NONE																		
Genital System																		
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	40

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\+ ..Tissue examined microscopically
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A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
2.5%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0109 6	0109 7	0115 4	0115 5	0115 6	0115 7	0116 5	0116 6	0116 7	0121 4	0121 5	0121 6	0121 7	0054 1	0054 2	0054 3	0054 4	*TOTALS
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma, Tubular							X											1
Cystadenoma																		1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Leiomyoma			X															1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymph Node							+											7
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	43
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Thymus	+	+	+	M	+	+	M	+	+	+	+	+	M	+	M	+	+	41
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenocarcinoma												X						4
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangioma																		1
Sarcoma		X											X					2
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

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B6C3F1/NCTR Mouse Female
2.5%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0109 6	0109 7	0115 4	0115 5	0115 6	0115 7	0116 5	0116 6	0116 7	0121 4	0121 5	0121 6	0121 7	0054 1	0054 2	0054 3	0054 4	*TOTALS
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenocarcinoma, Multiple, Metastatic, Mammary Gland																		1
Alveolar/Bronchiolar Adenoma									X									5
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma							X								X			2
Carcinoma		X																1
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	46

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B6C3F1/NCTR Mouse Female
2.5%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0109 6	0109 7	0115 4	0115 5	0115 6	0115 7	0116 5	0116 6	0116 7	0121 4	0121 5	0121 6	0121 7	0054 1	0054 2	0054 3	0054 4	*TOTALS
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Urinary Bladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	45
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymphoma Malignant		X					X							X				9

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:51
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE

DAY ON TEST	043	052	061	061	061	064	066	069	071	073	073	074	074	074	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0017	0017	0027	0028	0028	0030	0033	0036	0039	0074	0104	0045	0058	0059	0021	0068	0069	0071	0072	0073	0080	0081	0082	0083	0084	0085	0086	0093	0093	0093	0099	0090
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	A	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large																+																
Intestine Large, Cecum	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	A	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																																
Intestine Small, Duodenum	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																X																
Hepatocellular Adenoma, Multiple																				X				X								
Osteosarcoma, Metastatic, Bone										X																						
Mesentery			+						+				+																			
Sarcoma																																
Pancreas	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma																																
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach																																
Stomach, Forestomach	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE																															
DAY ON TEST	043	052	061	061	061	064	066	069	071	073	073	074	074	074	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	3	9	1	4	8	8	0	8	9	4	6	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	001	001	002	002	002	003	003	003	003	007	010	004	004	004	006	006	006	007	007	007	008	008	008	008	008	008	009	009	009	009	009
	07	73	79	28	38	05	37	60	93	46	04	57	58	59	21	68	69	31	32	33	00	01	02	63	64	65	34	35	36	89	90
Squamous Cell Papilloma											X																			X	
Stomach, Glandular	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland			+																												
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Adenoma																															
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																								X							
Islets, Pancreatic	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																					X										
Parathyroid Gland	+	+	+	+	+	M	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	M	M	+	+	+	+	M	+	+
Pituitary Gland	+	+	+	+	+	M	M	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	M	+	+
Pars Distalis, Adenoma																								X						X	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																															
Tissue NOS																															
Abdominal, Sarcoma																															

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B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE

DAY ON TEST	433	529	611	614	618	648	660	698	719	734	736	748	748	748	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0010 7	0017 3	0027 9	0022 8	0023 8	0030 5	0033 7	0036 0	0039 3	0074 6	0100 4	0045 7	0045 8	0045 9	0062 1	0066 8	0066 9	0073 1	0073 2	0073 3	0080 0	0080 1	0080 2	0086 3	0086 4	0086 5	0093 4	0093 5	0093 6	0098 9	0099 0
Genital System																															
Clitoral Gland	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cystadenoma		X															X														
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+		+			+	+							+											+				
Lymph Node, Mandibular	+	+	M	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	M	+	A	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																		X													
Thymus	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	M	+	+	+	+	+	+
Integumentary System																															
Mammary Gland	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma																			X												
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma																															
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	043	052	061	061	061	064	066	069	071	073	073	074	074	074	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076
B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE	3	9	1	4	8	8	0	8	9	4	6	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	007	017	027	028	028	030	033	036	039	074	010	045	045	045	062	066	066	073	073	073	080	080	080	086	086	086	093	093	093	098	099
Right, Osteosarcoma										X																					
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma													X		X		X				X						X			X	
Alveolar/Bronchiolar Adenoma, Multiple			X			X			X																						
Alveolar/Bronchiolar Carcinoma																					X										
Carcinoma, Metastatic, Zymbal'S Gland						X																									
Osteosarcoma, Metastatic, Bone										X																					
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																				X											

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B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE

DAY ON TEST	433	529	611	614	618	648	660	698	719	734	736	748	748	748	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0010 7	0017 3	0027 9	0022 8	0023 8	0030 5	0033 7	0036 0	0039 3	0074 6	0100 4	0045 7	0045 8	0045 9	0062 1	0066 8	0066 9	0073 1	0073 2	0073 3	0080 0	0080 1	0080 2	0086 3	0086 4	0086 5	0093 4	0093 5	0093 6	0098 9	0099 0
Carcinoma																							X								
Lacrimal Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Carcinoma						X																									
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma																															
Urinary Bladder	+	+	A	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma								X																							
Lymphoma Malignant			X		X				X							X									X		X				

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B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0091	0092	0104	0105	0106	0111	0112	0113	0114	0116	0116	0116	0116	0117	0118	0119	*TOTALS
Alimentary System																	
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large																	1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small				+													1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma												X					2
Hepatocellular Adenoma, Multiple														X	X	X	5
Osteosarcoma, Metastatic, Bone																	1
Mesentery		+								+							5
Sarcoma		X															1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Sarcoma		X															1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Stomach					+												1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

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\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE																	
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0091	0092	0104	0105	0106	0111	0112	0113	0114	0116	0116	0116	0116	0117	0118	0119	*TOTALS
Squamous Cell Papilloma					X									X			4
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cardiovascular System																	
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Endocrine System																	
Adrenal Gland																	1
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Subcapsular, Adenoma		X															1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Pheochromocytoma Benign																	1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoma																	1
Parathyroid Gland	+	+	+	+	M	+	+	+	M	+	+	M	+	+	+	M	37
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Pars Distalis, Adenoma																	2
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
General Body System																	
Tissue NOS		+															1
Abdominal, Sarcoma		X															1

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B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0091	0092	0104	0105	0106	0131	0132	0133	0134	0161	0162	0163	0164	0197	0198	0199	*TOTALS
Genital System																	
Clitoral Gland	+	+	M	+	+	+	+	M	+	+	+	+	+	+	M	+	40
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Cystadenoma																	2
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hematopoietic System																	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node	+			+	+								+			+	11
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	42
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangioma																	1
Thymus	+	+	+	+	+	+	+	+	+	+	+	M	+	M	M	+	40
Integumentary System																	
Mammary Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	45
Adenocarcinoma												X	X				3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma							X										1
Musculoskeletal System																	
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE																	
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0091	0092	0104	0105	0106	0111	0112	0113	0114	0116	0116	0116	0116	0117	0118	0119	*TOTALS
Right, Osteosarcoma																	1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Nervous System																	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Peripheral Nerve	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Respiratory System																	
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolar/Bronchiolar Adenoma											X						7
Alveolar/Bronchiolar Adenoma, Multiple																	3
Alveolar/Bronchiolar Carcinoma								X									2
Carcinoma, Metastatic, Zymbal'S Gland																	1
Osteosarcoma, Metastatic, Bone																	1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																	
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma												X		X			3

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B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0091	0092	0104	0105	0106	0131	0132	0133	0134	0161	0162	0163	0164	0197	0198	0199	*TOTALS
Carcinoma							X					X					3
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	45
Zymbal's Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	43
Carcinoma																	1
Urinary System																	
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma		X															1
Urinary Bladder	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	43
SYSTEMIC LESIONS																	
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Histiocytic Sarcoma															X		2
Lymphoma Malignant	X			X	X											X	10

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE

DAY ON TEST	306	353	468	493	551	584	593	594	600	607	614	636	640	640	641	654	677	681	689	690	696	696	698	703	712	718	733	738	762	765	765
ANIMAL ID	0079	0084	0142	0171	0159	0225	0248	0258	0254	0269	0270	0297	0369	0390	0418	0281	0335	0598	0467	0452	0342	0488	0408	0489	0436	0494	0424	0939	0506	0609	0610
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																			+												
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus													X																		
Sarcoma, Metastatic, Skin																								X							
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma									X													X								X	
Hepatocellular Adenoma, Multiple																															
Hepatocellular Carcinoma						X																									
Osteosarcoma, Metastatic, Bone			X																												
Sarcoma Stromal, Metastatic, Uterus													X																		
Sarcoma, Metastatic, Skin																								X							
Mesentery								+	+																					+	
Pancreas	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus													X																		

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																															
DAY ON TEST	030 6	035 3	046 8	049 3	055 1	058 4	059 3	059 4	060 0	060 7	061 4	063 6	064 0	064 0	064 1	065 4	067 7	068 1	068 9	069 0	069 6	069 6	069 8	070 3	071 2	071 8	073 3	073 8	076 2	076 5	076 5
ANIMAL ID	0007 9	0008 4	0014 2	0017 1	0015 9	0022 5	0024 8	0025 8	0025 4	0026 9	0027 0	0029 7	0036 9	0039 0	0041 8	0028 1	0033 5	0059 8	0046 7	0045 2	0034 2	0048 8	0040 8	0048 9	0043 6	0049 4	0042 4	0093 9	0050 6	0060 9	0061 0
Sarcoma, Metastatic, Skin																								X							
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus													X																		
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Osteosarcoma, Metastatic, Bone			X																												
Sarcoma Stromal, Metastatic, Uterus													X																		
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Malignant																												X			
Islets, Pancreatic	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Adenoma																		X													
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	M	+	+	M	M	M	+	+	M	+	M	M	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	A	+	M	+	+	+	+	+	+	+	+	M
Meningioma Malignant, Metastatic, Brain				X																											
Pars Distalis, Adenoma								X																	X						
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																															
DAY ON TEST	030 6	035 3	046 8	049 3	055 1	058 4	059 3	059 4	060 0	060 7	061 4	063 6	064 0	064 0	064 1	065 4	067 7	068 1	068 9	069 0	069 6	069 6	069 8	070 3	071 2	071 8	073 3	073 8	076 2	076 5	076 5
ANIMAL ID	0007 9	0008 4	0014 2	0017 1	0015 9	0022 5	0024 8	0025 8	0025 4	0026 9	0027 0	0029 7	0036 9	0039 0	0041 8	0028 1	0033 5	0059 8	0046 7	0045 2	0034 2	0048 8	0040 8	0048 9	0043 6	0049 4	0042 4	0093 9	0050 6	0060 9	0061 0
Follicular Cel, Adenoma																															
General Body System																															
Tissue NOS	+																														
Genital System																															
Clitoral Gland	+	M	+	+	+	+	+	+	+	+	M	+	M	+	M	M	M	+	+	+	+	M	M	+	M	+	M	+	+	+	+
Ovary	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Granulosa Cell Tumor Benign																					X										
Hemangiosarcoma																						X									
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Hemangiosarcoma																						X									
Polyp Stromal																															X
Sarcoma Stromal													X																		
Vagina	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus													X																		
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node					+				+	+			+			+	+		+			+						+			+
Lumbar, Sarcoma Stromal, Metastatic, Uterus													X																		
Renal, Sarcoma Stromal, Metastatic, Uterus													X																		

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																														
DAY ON TEST	030 6	035 3	046 8	049 3	055 1	058 4	059 3	059 4	060 0	060 7	061 4	063 6	064 0	064 0	064 1	065 4	067 7	068 1	068 9	069 0	069 6	069 6	069 8	070 3	071 2	071 8	073 3	073 8	076 2	076 5	076 5
ANIMAL ID	0007 9	0008 4	0014 2	0017 1	0015 9	0022 5	0024 8	0025 8	0025 4	0026 9	0027 0	0029 7	0036 9	0039 0	0041 8	0028 1	0033 5	0059 8	0046 7	0045 2	0034 2	0048 8	0040 8	0048 9	0043 6	0049 4	0042 4	0093 9	0050 6	0060 9	0061 0
Thoracic, Sarcoma Stromal, Metastatic, Uterus													X																		
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	A	M	+	+	+	+	M	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	M	+	+	+	+	M	+
Sarcoma Stromal, Metastatic, Uterus													X																		
Spleen	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus													X																		
Thymus	+	+	M	M	A	M	M	M	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung														X																	
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma																				X											
Adenocarcinoma										X	X										X	X	X			X	X				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Osteosarcoma																															
Sarcoma												X			X									X					X	X	
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Femur, Sarcoma, Metastatic, Skin																								X							
Humerus, Osteosarcoma			X																												

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DAY ON TEST	306	353	468	493	551	584	593	594	600	607	614	636	640	640	641	654	677	681	689	690	696	696	698	703	712	718	733	738	762	765	765
B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE ANIMAL ID	0079	0084	0142	0171	0159	0225	0248	0258	0254	0269	0270	0297	0369	0390	0418	0281	0335	0598	0467	0452	0342	0488	0408	0489	0436	0494	0424	0939	0506	0609	0610
Rib, Osteosarcoma			X																												
Vertebra, Osteosarcoma			X																												
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Meningioma Malignant				X																											
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma, Metastatic, Mammary Gland																					X										
Alveolar/Bronchiolar Adenoma	X												X					X		X				X		X			X		
Alveolar/Bronchiolar Adenoma, Multiple									X																X						X
Alveolar/Bronchiolar Carcinoma																				X								X			
Alveolar/Bronchiolar Carcinoma, Multiple														X																	
Carcinoma, Metastatic, Mammary Gland																											X				
Hepatocellular Carcinoma, Metastatic, Liver						X																									
Osteosarcoma, Metastatic, Bone			X																												
Sarcoma, Metastatic, Skin																													X		

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:55
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																														
DAY ON TEST	030 6	035 3	046 8	049 3	055 1	058 4	059 3	059 4	060 0	060 7	061 4	063 6	064 0	064 0	064 1	065 4	067 7	068 1	068 9	069 0	069 6	069 6	069 8	070 3	071 2	071 8	073 3	073 8	076 2	076 5	076 5
ANIMAL ID	0007 9	0008 4	0014 2	0017 1	0015 9	0022 5	0024 8	0025 8	0025 4	0026 9	0027 0	0029 7	0036 9	0039 0	0041 8	0028 1	0033 5	0059 8	0046 7	0045 2	0034 2	0048 8	0040 8	0048 9	0043 6	0049 4	0042 4	0093 9	0050 6	0060 9	0061 0
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Adenoma								X												X			X	X	X				X		
Carcinoma						X																X									
Lacrimal Gland	+	+	+	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	M	M	M	+	M	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteosarcoma, Metastatic, Bone			X																												
Sarcoma, Metastatic, Skin												X																			
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma										X														X				X			
Lymphoma Malignant							X		X	X						X	X		X												X

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	0054 9	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small				+														2
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma Stromal, Metastatic, Uterus																		1
Sarcoma, Metastatic, Skin																		1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hepatocellular Adenoma	X				X					X								6
Hepatocellular Adenoma, Multiple		X	X	X		X	X		X		X	X	X					9
Hepatocellular Carcinoma			X						X									3
Osteosarcoma, Metastatic, Bone																		1
Sarcoma Stromal, Metastatic, Uterus																		1
Sarcoma, Metastatic, Skin																		1
Mesentery											+		+		+			6
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma Stromal, Metastatic, Uterus																		1

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	0054 9	*TOTALS
Sarcoma, Metastatic, Skin																		1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma Stromal, Metastatic, Uterus																		1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	46
Osteosarcoma, Metastatic, Bone																		1
Sarcoma Stromal, Metastatic, Uterus																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	45
Pheochromocytoma Malignant																		1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma																		1
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	M	+	37
Pituitary Gland	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	M	+	41
Meningioma Malignant, Metastatic, Brain																		1
Pars Distalis, Adenoma		X																3
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	0054 9	*TOTALS
Follicular Cel, Adenoma														X				1
General Body System																		
Tissue NOS																		1
Genital System																		
Clitoral Gland	+	M	+	M	+	+	+	+	+	+	+	+	+	+	M	I	+	34
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Granulosa Cell Tumor Benign						X		X										3
Hemangiosarcoma																		1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma					X													1
Hemangiosarcoma																		1
Polyp Stromal																		1
Sarcoma Stromal																		1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma Stromal, Metastatic, Uterus																		1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node	+	+		+			+		+		+							16
Lumbar, Sarcoma Stromal, Metastatic, Uterus																		1
Renal, Sarcoma Stromal, Metastatic, Uterus																		1

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	0054 9	*TOTALS
Thoracic, Sarcoma Stromal, Metastatic, Uterus																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	42
Sarcoma Stromal, Metastatic, Uterus																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma Stromal, Metastatic, Uterus																		1
Thymus	+	M	M	+	+	+	+	M	+	+	+	+	M	+	M	+	+	34
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoacanthoma		X																2
Adenocarcinoma		X				X				X				X				11
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma				X														1
Osteosarcoma								X										1
Sarcoma																	X	6
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Femur, Sarcoma, Metastatic, Skin																		1
Humerus, Osteosarcoma																		1

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	0054 9	*TOTALS
Rib, Osteosarcoma																		1
Vertebra, Osteosarcoma																		1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Meningioma Malignant																		1
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenocarcinoma, Metastatic, Mammary Gland																		1
Alveolar/Bronchiolar Adenoma							X		X				X			X	X	12
Alveolar/Bronchiolar Adenoma, Multiple		X																4
Alveolar/Bronchiolar Carcinoma								X				X						4
Alveolar/Bronchiolar Carcinoma, Multiple				X														2
Carcinoma, Metastatic, Mammary Gland																		1
Hepatocellular Carcinoma, Metastatic, Liver																		1
Osteosarcoma, Metastatic, Bone																		1
Sarcoma, Metastatic, Skin																		1

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B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	0054 9	*TOTALS
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma									X		X	X						9
Carcinoma	X						X						X				X	6
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	41
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Osteosarcoma, Metastatic, Bone																		1
Sarcoma, Metastatic, Skin																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		3
Lymphoma Malignant	X			X			X		X									11

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:56
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																															
DAY ON TEST	0360	0388	0499	0508	0516	0542	0565	0593	0599	0608	0611	0614	0620	0626	0628	0646	0648	0649	0650	0651	0652	0659	0662	0670	0677	0686	0689	0692	0709	0711	0715
ANIMAL ID	00080	00110	00140	00183	00179	00168	00213	00296	00207	00310	00351	00306	00379	00232	00246	00352	00277	00439	00363	00400	00289	00326	00344	00347	00420	00427	00412	00362	00778	00476	00510
Alimentary System																															
Esophagus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Kidney																															
Gallbladder	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	A	A	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	A	+	+	+	+	A	A	+	+	+	+	+	+	A	+	+	+	+	A	A	+	A	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	A	A	+	A	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+
Sarcoma, Metastatic, Uterus																															
Squamous Cell Carcinoma										X																					
Intestine Small, Duodenum	+	+	M	+	+	+	+	A	+	+	+	+	A	A	+	+	+	+	+	A	A	+	+	+	+	A	A	+	A	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+	+	+	A	A	+	+	+	+	+	A	A	+	+	+	+	A	A	+	A	+	+
Intestine Small, Jejunum	+	+	M	+	+	+	+	A	+	+	+	+	A	A	+	+	+	+	+	A	A	+	+	+	+	A	A	+	A	+	+
Liver	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Hemangiosarcoma																									X			X			
Hepatocellular Adenoma															X	X	X								X					X	
Hepatocellular Adenoma, Multiple										X		X		X						X			X						X		
Hepatocellular Carcinoma																X															
Mesentery				+																											
Hemangiosarcoma																															
Sarcoma, Metastatic, Kidney																															
Pancreas	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+
Sarcoma, Metastatic, Kidney																															

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DAY ON TEST	360	388	499	508	516	542	565	593	599	608	611	614	620	626	628	646	648	649	650	651	652	659	662	670	677	686	689	692	709	711	715
B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE ANIMAL ID	00080	00110	00140	00183	00179	00168	00213	00296	00207	00310	00351	00306	00379	00232	00246	00352	00277	00439	00363	00400	00289	00326	00344	00347	00420	00427	00412	00362	00778	00476	00510
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Sarcoma, Metastatic, Kidney																															
Squamous Cell Carcinoma																						X									
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																												X			
Hemangiosarcoma							X									X															X
Squamous Cell Carcinoma, Metastatic, Intestine Large										X																					
Endocrine System																															
Adrenal Gland																															
Bilateral, Subcapsular, Adenoma																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Sarcoma, Metastatic, Kidney																															
Sarcoma, Metastatic, Skin																															
Subcapsular, Carcinoma																															X
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	A	+	+	M	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE

DAY ON TEST	360	388	499	508	516	542	565	593	599	608	611	614	620	626	628	646	648	649	650	651	652	659	662	670	677	686	689	692	709	711	715
ANIMAL ID	0080	0110	0140	0183	0179	0168	0213	0296	0207	0310	0351	0306	0379	0232	0246	0352	0277	0439	0363	0400	0289	0326	0344	0347	0420	0427	0412	0362	0778	0476	0510
Islets, Pancreatic	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+
Adenoma																X															
Parathyroid Gland	+	+	M	+	+	+	+	+	+	M	+	+	M	+	+	+	M	M	+	+	+	+	+	M	+	+	+	M	+	+	+
Pituitary Gland	+	+	M	+	+	M	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	A	M	+	+	+	+
Pars Distalis, Adenoma																X															
Thyroid Gland	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	M	+	+	+	+	M	M	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	M	+	+	M	+	M
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma, Tubular																								X							
Cystadenoma																			X												
Granulosa Cell Tumor Benign												X				X															
Hemangioma																															
Hemangiosarcoma											X																				
Thecoma Benign															X																
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma										X		X												X							
Hemangiosarcoma																															
Leiomyosarcoma																															
Sarcoma																															

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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																															
DAY ON TEST	0360	0388	0499	0508	0516	0542	0565	0593	0599	0608	0611	0614	0620	0626	0628	0646	0648	0649	0650	0651	0652	0659	0662	0670	0677	0686	0689	0692	0709	0711	0715
ANIMAL ID	00080	00110	00140	00183	00179	00168	00213	00296	00207	00310	00351	00306	00379	00232	00246	00352	00277	00439	00363	00400	00289	00326	00344	00347	00420	00427	00412	00362	00778	00476	00510
Sarcoma Stromal					X																										
Sarcoma, Metastatic, Skin																															
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma										X																					
Sarcoma, Metastatic, Uterus					X																										
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Lymph Node		+						+		+				+			+					+				+			+		
Inguinal, Sarcoma, Metastatic, Skin														X																	
Lumbar, Sarcoma, Metastatic, Skin																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Lymph Node, Mesenteric	M	+	+	M	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	M	+	+	+	+	A	M	+	A	+	M
Sarcoma, Metastatic, Kidney																															
Spleen	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+
Hemangiosarcoma														X		X															
Thymus	+	+	+	M	M	+	+	+	+	M	+	M	+	+	M	M	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			X																												
Sarcoma, Metastatic, Kidney																															
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
I ..Insufficient tissue

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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																															
DAY ON TEST	0360	0388	0499	0508	0516	0542	0565	0593	0599	0608	0611	0614	0620	0626	0628	0646	0648	0649	0650	0651	0652	0659	0662	0670	0677	0686	0689	0692	0709	0711	0715
ANIMAL ID	00080	00110	00140	00183	00179	00168	00213	00296	00207	00310	00351	00306	00379	00232	00246	00352	00277	00439	00363	00400	00289	00326	00344	00347	00420	00427	00412	00362	00778	00476	00510
Adenoacanthoma									X													X								X	
Adenocarcinoma																	X	X	X	X		X		X	X		X		X		X
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+
Fibroma																															
Hemangiosarcoma																									X		X				
Sarcoma														X									X							X	
Squamous Cell Carcinoma, Metastatic, Intestine Large										X																					
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Femur, Hemangiosarcoma																															
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung			X																												
Hemangiosarcoma													X																		
Sarcoma, Metastatic, Skin																															
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															

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DAY ON TEST	360	388	499	508	516	542	565	593	599	608	611	614	620	626	628	646	648	649	650	651	652	659	662	670	677	686	689	692	709	711	715
B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE ANIMAL ID	0080	0110	0140	0183	0179	0168	0213	0296	0207	0310	0351	0306	0379	0232	0246	0352	0277	0439	0363	0400	0289	0326	0344	0347	0420	0427	0412	0362	0778	0476	0510
Larynx	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma														X				X			X	X	X							X	
Alveolar/Bronchiolar Adenoma, Multiple								X				X	X				X			X					X	X	X		X		X
Alveolar/Bronchiolar Carcinoma							X														X	X							X	X	
Alveolar/Bronchiolar Carcinoma, Multiple			X												X				X									X			
Sarcoma Stromal, Metastatic, Uterus					X																										
Sarcoma, Metastatic, Skin														X									X								
Squamous Cell Carcinoma, Metastatic, Intestine Large										X																					
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	A	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma						X		X			X	X	X					X		X				X	X	X	X			X	
Bilateral, Adenoma																															X
Bilateral, Carcinoma										X							X				X							X			
Carcinoma									X							X						X	X						X		
Lacrimal Gland	+	+	+	+	+	+	+	+	+	M	M	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	M	+
Urinary System																															

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE

DAY ON TEST	360	388	499	508	516	542	565	593	599	608	611	614	620	626	628	646	648	649	650	651	652	659	662	670	677	686	689	692	709	711	715
ANIMAL ID	0080	0110	0140	0183	0179	0168	0213	0296	0207	0310	0351	0306	0379	0232	0246	0352	0277	0439	0363	0400	0289	0326	0344	0347	0420	0427	0412	0362	0778	0476	0510
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma				X							X																				
Perirenal Tiss, Hemangiosarcoma																		X													
Sarcoma																															
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	M	+	A	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																															
Lymphoma Malignant	X	X																								X			X		

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE

DAY ON TEST	716	718	737	737	738	738	743	753	762	765	765	765	765	765	765	765	766	
ANIMAL ID	0068 1	0041 4	0046 4	0077 7	0073 8	0094 1	0088 2	0068 9	0056 6	0060 5	0078 5	0078 6	0085 3	0091 6	0091 7	0115 0	0054 5	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma, Metastatic, Kidney	X																	1
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Large, Colon	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Uterus											X							1
Squamous Cell Carcinoma																		1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma			X		X			X	X		X							7
Hepatocellular Adenoma	X					X						X					X	9
Hepatocellular Adenoma, Multiple			X				X			X	X		X	X	X	X		14
Hepatocellular Carcinoma																		1
Mesentery	+		+							+				+		+		6
Hemangiosarcoma																X		1
Sarcoma, Metastatic, Kidney	X																	1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Sarcoma, Metastatic, Kidney	X																	1

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																		
DAY ON TEST	716	718	737	737	738	738	743	753	762	765	765	765	765	765	765	765	765	
ANIMAL ID	00681	00414	00464	00777	00738	00941	00882	00689	00566	00605	00785	00786	00853	00916	00917	01150	00545	*TOTALS
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Kidney	X																	1
Squamous Cell Carcinoma																		1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma																		3
Squamous Cell Carcinoma, Metastatic, Intestine Large																		1
Endocrine System																		
Adrenal Gland																+		1
Bilateral, Subcapsular, Adenoma																X		1
Adrenal Gland, Cortex	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	44
Sarcoma, Metastatic, Kidney	X																	1
Sarcoma, Metastatic, Skin					X													1
Subcapsular, Carcinoma																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	M	M	+	+	+	M	+	+	+	+	+	41

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE

DAY ON TEST	716	718	737	737	738	738	743	753	762	765	765	765	765	765	765	765	766	
ANIMAL ID	00681	00414	00464	00777	00738	00941	00882	00689	00566	00605	00785	00786	00853	00916	00917	01150	00545	*TOTALS
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Adenoma																		1
Parathyroid Gland	M	M	+	M	+	+	M	M	M	+	M	M	M	M	+	+	+	31
Pituitary Gland	+	+	M	+	+	M	M	+	M	+	+	+	+	+	+	+	+	38
Pars Distalis, Adenoma																		1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
General Body System																		
NONE																		
Genital System																		
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma, Tubular																		1
Cystadenoma									X									2
Granulosa Cell Tumor Benign													X					3
Hemangioma		X																1
Hemangiosarcoma			X															2
Thecoma Benign																		1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma																		3
Hemangiosarcoma											X							1
Leiomyosarcoma									X									1
Sarcoma											X							1

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																		
DAY ON TEST	716	718	737	737	738	738	743	753	762	765	765	765	765	765	765	765	765	
ANIMAL ID	0068 1	0041 4	0046 4	0077 7	0073 8	0094 1	0088 2	0068 9	0056 6	0060 5	0078 5	0078 6	0085 3	0091 6	0091 7	0115 0	0054 5	*TOTALS
Sarcoma Stromal																		1
Sarcoma, Metastatic, Skin					X													1
Vagina	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	47
Hemangioma																		1
Sarcoma, Metastatic, Uterus																		1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma								X										1
Lymph Node					+			+	+			+						12
Inguinal, Sarcoma, Metastatic, Skin																		1
Lumbar, Sarcoma, Metastatic, Skin					X													1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node, Mesenteric	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	38
Sarcoma, Metastatic, Kidney	X																	1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma								X										3
Thymus	+	+	+	+	+	+	+	+	M	+	M	+	+	+	M	+	M	36
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X												2
Sarcoma, Metastatic, Kidney	X																	1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																		
DAY ON TEST	716	718	737	737	738	738	743	753	762	765	765	765	765	765	765	765	765	
ANIMAL ID	0068 1	0044 14	0046 4	0077 7	0073 8	0094 1	0088 2	0068 9	0056 6	0060 5	0078 5	0078 6	0085 3	0091 6	0091 7	0115 0	0054 5	*TOTALS
Adenoacanthoma																		3
Adenocarcinoma			X						X					X			X	14
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Fibroma		X																1
Hemangiosarcoma																		2
Sarcoma					X	X												5
Squamous Cell Carcinoma, Metastatic, Intestine Large																		1
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Femur, Hemangiosarcoma								X										1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma																		1
Sarcoma, Metastatic, Skin						X												1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																		
DAY ON TEST	716	718	737	737	738	738	743	753	762	765	765	765	765	765	765	765	765	
ANIMAL ID	00681	00414	00464	00777	00738	00941	00882	00689	00566	00605	00785	00786	00853	00916	00917	01150	00545	*TOTALS
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma			X		X								X	X				10
Alveolar/Bronchiolar Adenoma, Multiple	X	X				X	X				X	X			X	X		18
Alveolar/Bronchiolar Carcinoma					X	X	X		X	X			X					11
Alveolar/Bronchiolar Carcinoma, Multiple		X	X	X				X				X		X		X	X	12
Sarcoma Stromal, Metastatic, Uterus																		1
Sarcoma, Metastatic, Skin						X												3
Squamous Cell Carcinoma, Metastatic, Intestine Large																		1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma	X			X		X					X							16
Bilateral, Adenoma			X											X				3
Bilateral, Carcinoma																		4
Carcinoma					X		X	X	X	X			X		X			12
Lacrimal Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Zymbal's Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	44
Urinary System																		

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																		
DAY ON TEST	716	718	737	737	738	738	743	753	762	765	765	765	765	765	765	765	765	
ANIMAL ID	00681	00414	00464	00777	00738	00941	00882	00689	00566	00605	00785	00786	00853	00916	00917	01150	00545	*TOTALS
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma																		2
Perirenal Tiss, Hemangiosarcoma																		1
Sarcoma	X																	1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma									X			X						2
Lymphoma Malignant					X			X										6

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:15:59
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	021 6	021 6	021 6	021 6	051 5	057 1	062 6	063 5	067 1	070 6	071 8	071 8	072 6	073 7	074 5	074 7	075 4	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0060	0061	0062	0063	0141	0218	0355	0314	0308	0440	0690	0809	0421	0776	0996	0696	0564	0607	0608	0656	0657	0787	0788	0789	0854	0855	0856	0857	0871	0872	0918
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large																				+											
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																															
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																											X				
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma																															
Mesentery																+															
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma														X																	
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	0216	0216	0216	0216	0515	0571	0626	0635	0671	0706	0718	0718	0726	0737	0745	0747	0754	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765
ANIMAL ID	00060	00061	00062	00063	00141	00218	00355	00314	00308	00440	00690	00809	00421	00776	00996	00696	00564	00607	00608	00656	00657	00787	00788	00789	00854	00855	00856	00857	00871	00872	00918
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland																+															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	I	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	I	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	M	+	+	+	M	+	+	+	M	M	M	+	M	+	+	+	+	+	+	+	+	+	M	+	M	M	M	+
Pituitary Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma											X											X		X	X			X			
Pars Distalis, Carcinoma																															
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																X															
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	M	M	+	+	M	+	M	+	+	+	M	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cystadenoma																															
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyp Stromal												X																			

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B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	0216	0216	0216	0216	0515	0571	0626	0635	0671	0706	0718	0718	0726	0737	0745	0747	0754	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765
ANIMAL ID	00060	00061	00062	00063	00141	00218	00355	00314	00308	00440	00690	00809	00421	00776	00996	00696	00564	00607	00608	00656	00657	00787	00788	00789	00854	00855	00856	00857	00871	00872	00918
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node					+					+			+		+	+															
Axillary, Sarcoma, Metastatic, Skin															X																
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	M	+	+	+	M	M	+	+	+	+	+	M	M	+
Integumentary System																															
Mammary Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma																	X											X			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteosarcoma							X																								
Sarcoma						X						X			X																
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	0216	0216	0216	0216	0515	0571	0626	0635	0671	0706	0718	0718	0726	0737	0745	0747	0754	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765
ANIMAL ID	00060	00061	00062	00063	00141	00218	00355	00314	00308	00440	00690	00809	00421	00776	00996	00696	00564	00607	00608	00656	00657	00787	00788	00789	00854	00855	00856	00857	00871	00872	00918
Carcinoma, Deep Invasion																																
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																																
Larynx	+	+	+	+	+	+	+	M	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																			X						X							X
Alveolar/Bronchiolar Adenoma, Multiple																				X												
Alveolar/Bronchiolar Carcinoma																																X
Osteosarcoma, Metastatic, Skin							X																									
Sarcoma, Metastatic, Skin						X																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																																
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma											X												X									
Carcinoma																																
Lacrimal Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary System																																

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	0216	0216	0216	0216	0515	0571	0626	0635	0671	0706	0718	0718	0726	0737	0745	0747	0754	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765	0765
ANIMAL ID	00060	00061	00062	00063	00141	00218	00355	00314	00308	00440	00690	00809	00421	00776	00996	00696	00564	00607	00608	00656	00657	00787	00788	00789	00854	00855	00856	00857	00871	00872	00918
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteosarcoma, Metastatic, Skin							X																								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma					X					X			X				X														
Lymphoma Malignant												X				X									X						

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0091 9	0092 0	0103 7	0103 8	0103 9	0108 1	0108 2	0108 3	0113 8	0113 9	0115 8	0115 9	0116 0	0120 3	0120 4	0120 5	0120 6	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large																		1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Small																	+	1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma																		1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hepatocellular Adenoma		X									X		X					3
Mesentery		+									+							3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Squamous Cell Papilloma		X																2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cardiovascular System																		

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0019	0020	0037	0038	0039	0081	0082	0083	0138	0139	0158	0159	0160	0203	0204	0205	0206	*TOTALS
Blood Vessel	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Endocrine System																		
Adrenal Gland																		1
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	44
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Parathyroid Gland	+	+	M	+	M	+	+	+	+	+	+	+	+	+	M	+	+	35
Pituitary Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	M	M	40
Pars Distalis, Adenoma							X											6
Pars Distalis, Carcinoma										X								1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	45
Follicular Cel, Adenoma					X													2
General Body System																		
NONE																		
Genital System																		
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	M	+	38
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Cystadenoma	X															X		2
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Polyp Stromal											X							2

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0019	0020	0037	0038	0039	0081	0082	0083	0138	0139	0158	0159	0160	0203	0204	0205	0206	*TOTALS
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node	+																+	7
Axillary, Sarcoma, Metastatic, Skin																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	39
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenocarcinoma													X					3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Osteosarcoma																		1
Sarcoma																		3
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

* ..Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1/NCTR Mouse Female 5.0%ETH/0PPM URE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0019	0020	0137	0138	0139	0181	0182	0183	0138	0139	0158	0159	0160	0203	0204	0205	0206	*TOTALS
Carcinoma, Deep Invasion										X								1
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma			X															4
Alveolar/Bronchiolar Adenoma, Multiple																		1
Alveolar/Bronchiolar Carcinoma																		1
Osteosarcoma, Metastatic, Skin																		1
Sarcoma, Metastatic, Skin																		1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	47
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma				X									X					4
Carcinoma								X										1
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	45
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Urinary System																		

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X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
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B6C3F1/NCTR Mouse Female
5.0%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0019	0020	0037	0038	0039	0081	0082	0083	0138	0139	0158	0159	0160	0203	0204	0205	0206	*TOTALS
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Osteosarcoma, Metastatic, Skin																		1
Urinary Bladder	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	M	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		4
Lymphoma Malignant	X																X	5

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X ..Lesion present
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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:16:01
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																															
DAY ON TEST	022 9	022 9	034 7	053 1	055 3	064 4	066 2	066 4	068 6	070 3	072 1	073 8	074 5	075 4	075 7	076 0	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0006 8	0006 9	0009 5	0021 5	0022 9	0030 0	0047 5	0038 7	0046 0	0067 2	0087 8	0046 8	0094 2	0115 2	0051 1	0074 1	0061 5	0061 6	0061 7	0066 3	0066 4	0066 5	0072 4	0072 5	0072 6	0078 0	0078 1	0078 2	0084 6	0084 7	0084 8
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	A	+	+	+	A	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Intestine Large, Colon	+	+	+	+	+	+	+	+	A	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Intestine Small																															
Intestine Small, Duodenum	+	+	+	+	A	+	+	+	A	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	A	+	+	+	A	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	A	+	+	+	A	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma															X						X										
Hepatocellular Adenoma, Multiple												X																			
Hepatocellular Carcinoma																															
Mast Cell Tumor Malignant																								X							
Sarcoma, Metastatic, Skin												X																			
Mesentery																	+														
Pancreas	+	+	+	+	A	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin												X																			
Teratoma Malignant, Metastatic, Ovary				X																											

* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																															
DAY ON TEST	022 9	022 9	034 7	053 1	055 3	064 4	066 2	066 4	068 6	070 3	072 1	073 8	074 5	075 4	075 7	076 0	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0006 8	0006 9	0009 5	0021 5	0022 9	0030 0	0047 5	0038 7	0046 0	0067 2	0087 8	0046 8	0094 2	0115 2	0051 1	0074 1	0061 5	0061 6	0061 7	0066 3	0066 4	0066 5	0072 4	0072 5	0072 6	0078 0	0078 1	0078 2	0084 6	0084 7	0084 8
Salivary Glands	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Stomach, Forestomach	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																									X						X
Stomach, Glandular	+	+	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Carcinoma																											X				
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+
Pheochromocytoma Malignant																															
Islets, Pancreatic	+	+	+	+	A	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma							X																								
Sarcoma, Metastatic, Skin												X																			
Parathyroid Gland	+	+	+	+	+	M	M	M	+	+	+	+	+	M	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	M	+	M	+	M	+	+	+	+	+	+	+
Pars Distalis, Adenoma																					X		X							X	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE

DAY ON TEST	229	229	347	531	553	644	662	664	686	703	721	738	745	754	757	760	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0068	0069	0095	0215	0229	0300	0475	0387	0460	0672	0878	0468	0942	0152	0511	0741	0615	0616	0617	0663	0664	0665	0724	0725	0726	0780	0781	0782	0846	0847	0848
General Body System																															
Tissue NOS																+															
Thoracic, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																X															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	M	+	+	M	+	+	+
Ovary	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cystadenoma																															
Sarcoma, Metastatic, Skin												X																			
Teratoma Malignant				X																											
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Adenoma																															
Hemangioma																					X										
Hemangiosarcoma														X					X												
Polyp Stromal																			X												
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Hematopoietic System																															
Bone Marrow	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node													+	+											+			+			
Axillary, Sarcoma, Metastatic, Skin													X																		

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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE

DAY ON TEST	229	229	347	531	553	644	662	664	686	703	721	738	745	754	757	760	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0068	0069	0095	0215	0229	0300	0475	0387	0460	0672	0878	0468	0942	0152	0511	0741	0615	0616	0617	0663	0664	0665	0724	0725	0726	0780	0781	0782	0846	0847	0848
Lumbar, Sarcoma, Metastatic, Skin														X																	
Renal, Sarcoma, Metastatic, Skin														X																	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Lymph Node, Mesenteric	+	+	+	+	A	+	M	+	A	M	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Spleen	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																												X			
Mast Cell Tumor Malignant																								X							
Sarcoma, Metastatic, Skin												X																			
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	M	+	M	+	+	+	+	M	M	+	+	+
Sarcoma, Metastatic, Skin												X																			
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma						X																				X		X			
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma											X	X	X	X								X									
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Diaphragm, Teratoma Malignant, Metastatic, Ovary				X																											

* ..Total animals with tissue examined microscopically; Total animals with tumor
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X ..Lesion present
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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																														
DAY ON TEST	229	229	347	531	553	644	662	664	686	703	721	738	745	754	757	760	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0068	0069	0095	0215	0229	0300	0475	0387	0460	0672	0878	0468	0942	0152	0511	0741	0615	0616	0617	0663	0664	0665	0724	0725	0726	0780	0781	0782	0846	0847	0848
Mast Cell Tumor Malignant																								X							
Sarcoma, Metastatic, Skin												X																			
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma, Metastatic, Mammary Gland						X																									
Alveolar/Bronchiolar Adenoma											X		X		X					X								X			
Alveolar/Bronchiolar Adenoma, Multiple																					X										
Alveolar/Bronchiolar Carcinoma																X									X						
Alveolar/Bronchiolar Carcinoma, Multiple										X																					X
Sarcoma, Metastatic, Skin											X	X	X																		
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																															
DAY ON TEST	022 9	022 9	034 7	053 1	055 3	064 4	066 2	066 4	068 6	070 3	072 1	073 8	074 5	075 4	075 7	076 0	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0006 8	0006 9	0009 5	0021 5	0022 9	0030 0	0047 5	0038 7	0046 0	0067 2	0087 8	0046 8	0094 2	0115 2	0051 1	0074 1	0061 5	0061 6	0061 7	0066 3	0066 4	0066 5	0072 4	0072 5	0072 6	0078 0	0078 1	0078 2	0084 6	0084 7	0084 8
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma											X			X															X		
Bilateral, Carcinoma																															
Carcinoma												X					X			X										X	
Lacrimal Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Zymbal's Gland	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Sarcoma, Metastatic, Skin												X		X																	
Urinary Bladder	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia									X																						
Lymphoma Malignant					X			X																	X						

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\+ ..Tissue examined microscopically
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M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0084 9	0091 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0120 9	0055 0	0055 1	0055 2	0055 3	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Mast Cell Tumor Malignant																		1
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma, Metastatic, Skin					X													1
Intestine Small														+				1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hepatocellular Adenoma			X												X			4
Hepatocellular Adenoma, Multiple		X																2
Hepatocellular Carcinoma										X								1
Mast Cell Tumor Malignant																		1
Sarcoma, Metastatic, Skin																		1
Mesentery									+						+			3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Sarcoma, Metastatic, Skin																		1
Teratoma Malignant, Metastatic, Ovary																		1

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
5.0%ETH/10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0084 9	0091 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0120 9	0055 0	0055 1	0055 2	0055 3	*TOTALS
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Mast Cell Tumor Malignant																		1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Squamous Cell Papilloma					X													3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Mast Cell Tumor Malignant																		1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Subcapsular, Carcinoma																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Pheochromocytoma Malignant														X				1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoma																		1
Sarcoma, Metastatic, Skin																		1
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	41
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	41
Pars Distalis, Adenoma		X					X					X						6
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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M ..Missing tissue
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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0084 9	0091 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0120 9	0055 0	0055 1	0055 2	0055 3	*TOTALS
General Body System																		
Tissue NOS																		1
Thoracic, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Genital System																		
Clitoral Gland	+	+	+	+	M	+	+	+	+	+	M	M	+	+	+	+	+	41
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cystadenoma			X															1
Sarcoma, Metastatic, Skin																		1
Teratoma Malignant																		1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endometrium, Adenoma														X				1
Hemangioma																		1
Hemangiosarcoma																		2
Polyp Stromal																		1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin					X													1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node				+				+						+				7
Axillary, Sarcoma, Metastatic, Skin																		1

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M ..Missing tissue
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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0084 9	0091 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0120 9	0055 0	0055 1	0055 2	0055 3	*TOTALS
Lumbar, Sarcoma, Metastatic, Skin																		1
Renal, Sarcoma, Metastatic, Skin																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Mast Cell Tumor Malignant																		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Mast Cell Tumor Malignant																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma																		1
Mast Cell Tumor Malignant																		1
Sarcoma, Metastatic, Skin					X													2
Thymus	+	+	M	+	M	+	+	+	+	+	+	+	+	+	M	+	M	38
Sarcoma, Metastatic, Skin																		1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenocarcinoma												X						4
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma					X		X											7
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Diaphragm, Teratoma Malignant, Metastatic, Ovary																		1

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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0084 9	0091 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0120 9	0055 0	0055 1	0055 2	0055 3	*TOTALS
Mast Cell Tumor Malignant																		1
Sarcoma, Metastatic, Skin																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenocarcinoma, Metastatic, Mammary Gland																		1
Alveolar/Bronchiolar Adenoma								X	X							X		8
Alveolar/Bronchiolar Adenoma, Multiple												X						2
Alveolar/Bronchiolar Carcinoma						X							X				X	5
Alveolar/Bronchiolar Carcinoma, Multiple																		2
Sarcoma, Metastatic, Skin					X													4
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Female
5.0%ETH/10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	766	766	
ANIMAL ID	0084 9	0091 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0120 9	0055 0	0055 1	0055 2	0055 3	*TOTALS
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma					X	X		X	X									7
Bilateral, Carcinoma												X						1
Carcinoma	X	X	X	X			X										X	10
Lacrimal Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	45
Mast Cell Tumor Malignant																		1
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Mast Cell Tumor Malignant																		1
Sarcoma, Metastatic, Skin																		2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia																		1
Lymphoma Malignant				X				X						X				6

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:16:03
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
5.0%ETH/30PPMURE

DAY ON TEST	285	380	577	581	598	613	638	642	663	670	675	685	687	688	702	716	730	745	745	746	752	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0071	0096	0092	0272	0331	0276	0252	0384	0422	0313	0366	0508	0323	0339	0465	0599	0485	0874	1106	0684	0807	0601	0602	0603	0646	0647	0716	0717	0803	0804	0805
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large														+								+	+	+							
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+				+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	+	+	+				+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+		+	+	M	+	+			+	+	+	+	+	+	+				+	+	+	+	+	+	+
Intestine Small							+							+								+	+	+				+			
Intestine Small, Duodenum	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	A	+	+				+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	A	+	+				+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	A	+	+				+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma																									X		X				
Hepatocellular Adenoma, Multiple												X					X	X			X		X			X				X	
Sarcoma Stromal, Metastatic, Uterus				X																											
Mesentery																						+			+			+			
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus				X																											
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach													+	+								+	+	+							
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+	+	+	+				+	+	+	+	+	+	+
Squamous Cell Papilloma															X													X			

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B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE

DAY ON TEST	285	380	577	581	598	613	638	642	663	670	675	685	687	688	702	716	730	745	745	746	752	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0071	0096	0092	0272	0331	0276	0252	0384	0422	0313	0366	0508	0323	0339	0465	0599	0485	0874	1106	0684	0807	0601	0602	0603	0646	0647	0716	0717	0803	0804	0805
Stomach, Glandular	+	+	+	+	+	+		+	+	+	+	+			+	+	+	+	+	+	+				+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung										X																					
Hemangioma																											X				
Endocrine System																															
Adrenal Gland													+											+							
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	M	+	+		+	+	+	+	+	+	+
Adenoma																															
Subcapsular, Adenoma																						X									
Adrenal Gland, Medulla	+	+	+	+	+	+		+	+	+	+	+			+	+	+	+	+	M	M				+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung										X																					
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																		X								X					
Parathyroid Gland	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M
Pituitary Gland	+	+	M	+	+	M	+	+	+	M	+	+	+	+	M	M	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+
Pars Distalis, Adenoma																							X				X				
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE																															
DAY ON TEST	028 5	038 0	057 7	058 1	059 8	061 3	063 8	064 2	066 3	067 0	067 5	068 5	068 7	068 8	070 2	071 6	073 0	074 5	074 5	074 6	075 2	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0007 1	0009 6	0029 2	0027 2	0033 1	0027 6	0025 2	0038 4	0042 2	0033 1 3	0036 6	0050 8	0032 3	0033 9	0046 5	0059 9	0048 5	0087 4	0110 6	0068 4	0080 7	0060 1	0060 2	0060 3	0064 6	0064 7	0071 6	0071 7	0080 3	0080 4	0080 5
Follicular Cel, Adenoma																															
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma, Tubular																															
Cystadenoma																											X				
Granulosa Cell Tumor Benign												X			X										X						
Granulosa Cell Tumor Malignant														X																	
Hemangioma																															
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung										X																					
Hemangioma											X						X														
Hemangiosarcoma																															
Leiomyoma										X			X																		
Sarcoma Stromal				X																											
Vagina	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus				X																											
Squamous Cell Carcinoma																															X

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:16:04
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE																															
DAY ON TEST	028 5	038 0	057 7	058 1	059 8	061 3	063 8	064 2	066 3	067 0	067 5	068 5	068 7	068 8	070 2	071 6	073 0	074 5	074 5	074 6	075 2	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0007 1	0009 6	0029 2	0027 2	0033 1	0027 6	0025 2	0038 4	0042 2	0031 3	0036 6	0050 8	0032 3	0033 9	0046 5	0059 9	0048 5	0087 4	0110 6	0068 4	0080 7	0060 1	0060 2	0060 3	0064 6	0064 7	0071 6	0071 7	0080 3	0080 4	0080 5
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+	+	+		+		+	+	+			+						+	+	+	+	+				+	+		+
Lumbar, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung										X																					
Renal, Sarcoma Stromal, Metastatic, Uterus				X																											
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	M	+	+			+	+	+	+	+	+	+				+	+	+	M	+	+	+
Lymph Node, Mesenteric	+	+	M	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+			+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus				X																											
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Sarcoma Stromal, Metastatic, Uterus				X																											
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung										X																					
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma																															
Adenocarcinoma								X					X	X		X								X			X				
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma												X			X																
Musculoskeletal System																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE

DAY ON TEST	285	380	577	581	598	613	638	642	663	670	675	685	687	688	702	716	730	745	745	746	752	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0071	0096	0092	0272	0331	0276	0252	0384	0422	0313	0366	0508	0323	0339	0465	0599	0485	0874	1106	0684	0807	0601	0602	0603	0646	0647	0716	0717	0803	0804	0805
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain							+							+																	
Brain, Brain Stem																			+												
Brain, Cerebellum	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	+	+	+				+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord							+						+	+								+	+	+							
Spinal Cord, Thoracic	+	+	+	+	+	+		+	+	+	+	+			+	+	+	+	+	+	+				+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma		X						X							X				X				X							X	
Alveolar/Bronchiolar Adenoma, Multiple																									X				X		
Alveolar/Bronchiolar Carcinoma										X															X	X	X			X	
Alveolar/Bronchiolar Carcinoma, Multiple																												X			
Granulosa Cell Tumor Malignant, Metastatic, Ovary														X																	
Hepatocellular Carcinoma, Metastatic, Liver																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:16:05
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
5.0%ETH/30PPMURE

DAY ON TEST	285	380	577	581	598	613	638	642	663	670	675	685	687	688	702	716	730	745	745	746	752	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0071	0096	0092	0072	0031	0076	0052	0084	0042	0013	0066	0058	0023	0039	0065	0059	0085	0074	0106	0084	0087	0061	0062	0063	0046	0047	0076	0077	0083	0084	0085
Special Senses System																															
Ear																									+						
Squamous Cell Papilloma																									X						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma									X			X							X								X			X	
Bilateral, Carcinoma																						X									
Carcinoma																								X		X					
Lacrimal Gland	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Zymbal's Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma													X						X	X											
Lymphoma Malignant	X		X		X		X		X							X		X		X	X	X						X	X		X

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0086 6	0086 7	0093 7	0093 8	0099 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0114 3	0114 4	0114 5	0121 3	0053 9	0054 0	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	47
Gallbladder	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Large																+	+	6
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			42
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			41
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			39
Intestine Small																	+	7
Intestine Small, Duodenum	+		+	+	+	+	+	+	+	+	+	+	+	+	M			38
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		41
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			40
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hepatocellular Adenoma				X			X			X								5
Hepatocellular Adenoma, Multiple	X		X										X			X		11
Sarcoma Stromal, Metastatic, Uterus																		1
Mesentery			+														+	5
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma Stromal, Metastatic, Uterus																		1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach																+	+	7
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			41
Squamous Cell Papilloma																		2

* ..Total animals with tissue examined microscopically; Total animals with tumor
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M ..Missing tissue
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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0086 6	0086 7	0093 7	0093 8	0099 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0114 3	0114 4	0114 5	0121 3	0053 9	0054 0	*TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			40
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	46
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangioma														X				2
Endocrine System																		
Adrenal Gland																		2
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoma	X																	1
Subcapsular, Adenoma													X					2
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			38
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma												X						3
Parathyroid Gland	+	+	+	+	+	+	M	+	M	+	+	+	+	+	M	+	+	41
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	40
Pars Distalis, Adenoma		X						X									X	5
Thyroid Gland	+	+	+	I	+	+	+	+	+	+	+	+	+	+	M	+	+	45

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B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0086 6	0086 7	0093 7	0093 8	0099 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0114 3	0114 4	0114 5	0121 3	0053 9	0054 0	*TOTALS
Follicular Cel, Adenoma		X																1
General Body System																		
NONE																		
Genital System																		
Clitoral Gland	+	M	+	+	+	+	M	+	+	+	+	M	+	+	M	M	+	41
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	46
Adenoma, Tubular												X						1
Cystadenoma					X									X				3
Granulosa Cell Tumor Benign		X						X										5
Granulosa Cell Tumor Malignant																		1
Hemangioma																	X	1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	47
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangioma																		2
Hemangiosarcoma								X										1
Leiomyoma																		2
Sarcoma Stromal																		1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	46
Sarcoma Stromal, Metastatic, Uterus																		1
Squamous Cell Carcinoma																		1

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\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	00866	00867	00937	00938	00993	00994	00995	01046	01047	01048	01093	01143	01144	01145	01213	00539	00540	*TOTALS
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node	+	+															+	19
Lumbar, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Renal, Sarcoma Stromal, Metastatic, Uterus																		1
Lymph Node, Mandibular	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+			38
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		43
Sarcoma Stromal, Metastatic, Uterus																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma						X												1
Sarcoma Stromal, Metastatic, Uterus																		1
Thymus	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	43
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoacanthoma				X														1
Adenocarcinoma																		6
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma			X				X											4
Musculoskeletal System																		

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M ..Missing tissue
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B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0086 6	0086 7	0093 7	0093 8	0099 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0114 3	0114 4	0114 5	0121 3	0053 9	0054 0	*TOTALS
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Nervous System																		
Brain																+	+	4
Brain, Brain Stem																		1
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M			40
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			44
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord																+	+	8
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			40
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	47
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma	X			X		X		X			X	X			X	X	X	15
Alveolar/Bronchiolar Adenoma, Multiple									X									3
Alveolar/Bronchiolar Carcinoma					X											X		7
Alveolar/Bronchiolar Carcinoma, Multiple							X											2
Granulosa Cell Tumor Malignant, Metastatic, Ovary																		1
Hepatocellular Carcinoma, Metastatic, Liver	X																	1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	47

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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female
5.0%ETH/30PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	766	766	
ANIMAL ID	0086 6	0086 7	0093 7	0093 8	0099 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0114 3	0114 4	0114 5	0121 3	0053 9	0054 0	*TOTALS
Special Senses System																		
Ear																		1
Squamous Cell Papilloma																		1
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	46
Adenoma												X						6
Bilateral, Carcinoma																		1
Carcinoma	X												X	X			X	6
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Zymbal's Gland	+	+	+	+	+	+	M	+	+	M	+	+	+	+	M	+	+	43
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		3
Lymphoma Malignant		X											X					15

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
5.0%ETH/90PPMURE

DAY ON TEST	024	043	045	047	048	049	055	056	057	059	059	059	059	060	061	062	063	063	063	064	064	065	065	066	066	066	067	067	067	067	067	068
ANIMAL ID	0070	0025	0023	0034	0026	0060	0088	0031	0087	0034	0009	0059	0066	0301	0036	0064	0065	0067	0036	0327	0343	0391	0332	0365	0429	0504	0325	0537	0372	0413	0328
Alimentary System																																
Esophagus	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+
Intestine Large, Cecum	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	M	+	+	A	+
Intestine Large, Colon	+	+	+	+	+	+	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	M	+	+	A	+
Sarcoma, Metastatic, Skin																															
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	M	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	A	+	M	+	+	A	+
Intestine Small, Ileum	+	+	+	+	+	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	A	+	M	+	+	A	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	A	+	M	+	+	A	+
Hemangioma																			X												
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma					X												X														
Hepatocellular Adenoma																															
Hepatocellular Adenoma, Multiple							X			X	X			X				X	X		X	X								X	
Hepatocellular Carcinoma, Multiple																															
Sarcoma Stromal, Metastatic, Uterus				X																											
Sarcoma, Metastatic, Skin																															
Mesentery													+																		
Hemangiosarcoma																															
Pancreas	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	A	+
Sarcoma Stromal, Metastatic, Uterus				X																											

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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE

DAY ON TEST	024 9	043 3	045 9	047 8	048 5	049 6	055 9	056 9	057 3	059 2	059 4	059 4	059 8	060 3	061 4	062 9	063 3	063 3	064 3	064 5	065 4	065 4	066 1	066 1	066 2	067 0	067 3	067 4	067 5	067 5	068 1
ANIMAL ID	0070	0125	0123	0134	0126	0160	0188	0231	0187	0234	0209	0259	0266	0301	0236	0364	0265	0267	0336	0327	0343	0391	0332	0365	0429	0504	0325	0537	0372	0413	0328
Sarcoma, Metastatic, Skin																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Mast Cell Tumor Malignant																													X		
Stomach, Glandular	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Sarcoma, Metastatic, Skin																															
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																							X								
Hemangiosarcoma														X														X			
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+
Sarcoma, Metastatic, Skin																															
Subcapsular, Adenoma																															
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+
Islets, Pancreatic	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	A	+
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	M	M	+	+	+	M	+	+	+	+	M	M	+	+	+	M	M	+	+	M	+
Pituitary Gland	+	M	+	+	+	+	+	M	+	+	M	+	M	+	+	+	+	+	+	+	+	+	M	M	+	+	M	M	+	+	+
Pars Distalis, Adenoma																															

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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																															
DAY ON TEST	024 9	043 3	045 9	047 8	048 5	049 6	055 9	056 9	057 3	059 2	059 4	059 4	059 8	060 3	061 4	062 9	063 3	063 3	064 3	064 5	065 4	065 4	066 1	066 1	066 2	067 0	067 3	067 4	067 5	067 5	068 1
ANIMAL ID	0007 0	0012 5	0012 3	0013 4	0012 6	0016 0	0018 8	0023 1	0018 7	0023 4	0020 9	0022 5 9	0022 6 6	0030 1	0023 6	0036 4	0026 5	0026 7	0033 6	0032 7	0034 3	0039 1	0033 2	0036 5	0042 9	0050 4	0032 5	0053 7	0037 2	0041 3	0032 8
Thyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Follicular Cel, Adenoma																X															
General Body System																															
Tissue NOS																												+			
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	M	+	M	M	M	+	+	+	+
Ovary	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	A	+
Adenoma, Tubular																															
Cystadenoma																								X							
Granulosa Cell Tumor Benign																															
Sarcoma Stromal, Metastatic, Uterus				X																											
Sarcoma, Metastatic, Skin																															
Uterus	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	A	+
Hemangioma																															
Hemangiosarcoma																															
Sarcoma Stromal				X																											
Sarcoma, Metastatic, Skin																															
Vagina	+	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Lymph Node		+	+	+						+												+									

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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																															
DAY ON TEST	024 9	043 3	045 9	047 8	048 5	049 6	055 9	056 9	057 3	059 2	059 4	059 4	059 8	060 3	061 4	062 9	063 3	063 3	064 3	064 5	065 4	065 4	066 1	066 1	066 2	067 0	067 3	067 4	067 5	067 5	068 1
ANIMAL ID	0070	0125	0123	0134	0126	0160	0188	0231	0187	0234	0209	0259	0266	0301	0236	0364	0265	0267	0336	0327	0343	0391	0332	0365	0429	0504	0325	0537	0372	0413	0328
Renal, Sarcoma Stromal, Metastatic, Uterus				X																											
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Mast Cell Tumor Malignant																													X		
Lymph Node, Mesenteric	+	+	+	+	+	A	+	A	+	+	A	+	+	+	+	+	+	+	M	M	+	+	+	+	A	M	M	+	+	A	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																							X								
Sarcoma Stromal, Metastatic, Uterus				X																											
Sarcoma, Metastatic, Skin																															
Spleen	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	A	+
Hemangiosarcoma																															
Sarcoma, Metastatic, Skin																															
Thymus	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+
Adenocarcinoma, Metastatic, Mammary Gland															X																
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung											X												X							X	
Sarcoma, Metastatic, Skin																															
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	A	+
Adenoacanthoma			X							X		X	X											X							
Adenocarcinoma							X							X	X		X			X	X		X		X			X	X		X
Lymphatic, Mast Cell Tumor Malignant																													X		
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+

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DAY ON TEST	024 9	043 3	045 9	047 8	048 5	049 6	055 9	056 9	057 3	059 2	059 4	059 4	059 8	060 3	061 4	062 9	063 3	063 3	064 3	064 5	065 4	065 4	066 1	066 1	066 2	067 0	067 3	067 4	067 5	067 5	068 1
ANIMAL ID	0007 0	0012 5	0012 3	0013 4	0012 6	0016 0	0018 8	0023 1	0018 7	0023 4	0020 9	0022 5 9	0022 6 6	0030 1	0023 6	0036 4	0026 5	0026 7	0033 6	0033 2 7	0034 3	0039 1	0033 2	0036 5	0042 9	0050 4	0032 5	0053 7	0037 2	0041 3	0032 8
Sarcoma									X							X										X					
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																			X												
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Diaphragm, Adenocarcinoma, Metastatic, Mammary Gland															X																
Diaphragm, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																														X	
Sarcoma																X		X													
Sarcoma, Metastatic, Skin																															
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma, Metastatic, Mammary Gland																															

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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE

DAY ON TEST	0249	0433	0459	0478	0485	0496	0559	0569	0573	0592	0594	0594	0598	0603	0614	0629	0633	0633	0643	0645	0654	0654	0661	0661	0662	0670	0673	0674	0675	0675	0681
ANIMAL ID	0070	0125	0123	0134	0126	0160	0188	0231	0187	0234	0209	0259	0266	0301	0236	0364	0265	0267	0336	0327	0343	0391	0332	0365	0429	0504	0325	0537	0372	0413	0328
Adenocarcinoma, Metastatic, Mammary Gland															X																
Alveolar/Bronchiolar Adenoma		X									X				X	X									X						
Alveolar/Bronchiolar Adenoma, Multiple									X			X	X	X				X			X						X	X		X	X
Alveolar/Bronchiolar Carcinoma					X						X				X										X			X			
Alveolar/Bronchiolar Carcinoma, Multiple												X	X				X		X	X			X				X		X	X	
Carcinoma, Metastatic, Mammary Gland																															X
Sarcoma, Metastatic, Skin																															
Sarcoma, Metastatic, Uncertain Primary Site																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Carcinoma, Metastatic, Harderian Gland																															
Trachea	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																							X								
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Adenoma					X				X					X	X				X	X				X		X				X	
Bilateral, Adenoma		X				X							X															X	X		
Carcinoma							X				X				X			X				X			X						X
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+
Zymbal's Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	M	+	M	+	+	+	+

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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:16:08
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
5.0%ETH/90PPMURE

DAY ON TEST	024 9	043 3	045 9	047 8	048 5	049 6	055 9	056 9	057 3	059 2	059 4	059 4	059 8	060 3	061 4	062 9	063 3	063 3	064 3	064 5	065 4	065 4	066 1	066 1	066 2	067 0	067 3	067 4	067 5	067 5	068 1
ANIMAL ID	0070	0125	0123	0134	0126	0160	0188	0231	0187	0234	0209	0259	0266	0301	0236	0364	0265	0267	0336	0327	0343	0391	0332	0365	0429	0504	0325	0537	0372	0413	0328
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																							X								
Hemangiosarcoma																													X		
Mast Cell Tumor Malignant																													X		
Urinary Bladder	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	A	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																												X			
Lymphoma Malignant		X	X			X		X				X										X				X					

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B6C3F1/NCTR Mouse Female
5.0%ETH/90PPMURE

DAY ON TEST	0684	0700	0702	0717	0719	0725	0725	0726	0745	0749	0751	0757	0762	0765	0765	0765	0765	
ANIMAL ID	0049 7	0048 2	0060 0	0045 0	0087 7	0056 3	0068 7	0069 3	0046 6	0100 2	0053 6	0100 5	0081 4	0060 4	0065 2	0110 2	0122 1	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	45
Intestine Large, Cecum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Large, Colon	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Sarcoma, Metastatic, Skin						X												1
Intestine Large, Rectum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Duodenum	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Small, Ileum	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Small, Jejunum	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Hemangioma																		1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma									X	X	X	X						6
Hepatocellular Adenoma	X														X			2
Hepatocellular Adenoma, Multiple			X					X		X						X	X	14
Hepatocellular Carcinoma, Multiple					X													1
Sarcoma Stromal, Metastatic, Uterus																		1
Sarcoma, Metastatic, Skin						X												1
Mesentery										+		+				+		4
Hemangiosarcoma										X						X		2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Sarcoma Stromal, Metastatic, Uterus																		1

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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																		
DAY ON TEST	0684	0700	0702	0717	0719	0725	0725	0726	0745	0749	0751	0757	0762	0765	0765	0765	0765	
ANIMAL ID	00497	00482	00600	00450	00877	00563	00687	00693	00466	01002	00536	01005	00814	00604	00652	01102	01221	*TOTALS
Sarcoma, Metastatic, Skin						X												1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Stomach, Forestomach	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Mast Cell Tumor Malignant																		1
Stomach, Glandular	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Sarcoma, Metastatic, Skin						X												1
Tongue	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	46
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma	X	X								X							X	6
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin						X												1
Subcapsular, Adenoma		X								X					X			3
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Parathyroid Gland	M	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	36
Pituitary Gland	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	38
Pars Distalis, Adenoma								X										1

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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																		
DAY ON TEST	0684	0700	0702	0717	0719	0725	0725	0726	0745	0749	0751	0757	0762	0765	0765	0765	0765	
ANIMAL ID	00497	00482	00600	00450	00877	00563	00687	00693	00466	01002	00536	01005	00814	00604	00652	01102	01221	*TOTALS
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicular Cel, Adenoma																		1
General Body System																		
Tissue NOS													+					2
Genital System																		
Clitoral Gland	M	+	M	+	+	M	M	+	+	M	+	M	+	+	+	M	+	35
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoma, Tubular			X												X			2
Cystadenoma					X													2
Granulosa Cell Tumor Benign															X	X	X	3
Sarcoma Stromal, Metastatic, Uterus																		1
Sarcoma, Metastatic, Skin						X												1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangioma											X							1
Hemangiosarcoma										X								1
Sarcoma Stromal							X											2
Sarcoma, Metastatic, Skin						X												1
Vagina	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	44
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymph Node									+	+			+					8

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ANIMAL ID	0049 7	0048 2	0060 0	0045 0	0087 7	0056 3	0068 7	0069 3	0046 6	0100 2	0053 6	0100 5	0081 4	0060 4	0065 2	0110 2	0122 1	*TOTALS
Renal, Sarcoma Stromal, Metastatic, Uterus																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Mast Cell Tumor Malignant																		1
Lymph Node, Mesenteric	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Sarcoma Stromal, Metastatic, Uterus																		1
Sarcoma, Metastatic, Skin						X												1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangiosarcoma										X								1
Sarcoma, Metastatic, Skin						X												1
Thymus	+	+	M	+	M	+	M	M	+	+	+	+	+	+	+	M	M	39
Adenocarcinoma, Metastatic, Mammary Gland																		1
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		3
Sarcoma, Metastatic, Skin						X												1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoacanthoma					X		X							X		X		9
Adenocarcinoma		X		X								X				X		15
Lymphatic, Mast Cell Tumor Malignant																		1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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DAY ON TEST	0684	0700	0702	0717	0719	0725	0725	0726	0745	0749	0751	0757	0762	0765	0765	0765	0765	
ANIMAL ID	0049 7	0048 2	0060 0	0045 0	0087 7	0056 3	0068 7	0069 3	0046 6	0100 2	0053 6	0100 5	0081 4	0060 4	0065 2	0110 2	0122 1	*TOTALS
Sarcoma	X		X			X		X										7
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Diaphragm, Adenocarcinoma, Metastatic, Mammary Gland																		1
Diaphragm, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Sarcoma																		2
Sarcoma, Metastatic, Skin			X															1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoacanthoma, Metastatic, Mammary Gland							X											1

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DAY ON TEST	0684	0700	0702	0717	0719	0725	0725	0726	0745	0749	0751	0757	0762	0765	0765	0765	0765	
ANIMAL ID	00497	00482	00600	00450	00877	00563	00687	00693	00466	01002	00536	01005	00814	00604	00652	01102	01221	*TOTALS
Adenocarcinoma, Metastatic, Mammary Gland																		1
Alveolar/Bronchiolar Adenoma								X	X							X		8
Alveolar/Bronchiolar Adenoma, Multiple		X	X	X	X	X				X	X	X	X	X	X		X	22
Alveolar/Bronchiolar Carcinoma						X			X								X	8
Alveolar/Bronchiolar Carcinoma, Multiple	X			X	X						X			X		X		15
Carcinoma, Metastatic, Mammary Gland																		1
Sarcoma, Metastatic, Skin			X			X		X										3
Sarcoma, Metastatic, Uncertain Primary Site	X																	1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Carcinoma, Metastatic, Harderian Gland								X										1
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Special Senses System																		
Eye	+	+	I	+	+	+	+	+	+	+	+	M	+	+	+	+	+	45
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	46
Adenoma		X		X	X					X						X		14
Bilateral, Adenoma																	X	6
Carcinoma	X						X	X										10
Lacrimal Gland	M	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	43
Zymbal's Gland	+	+	M	+	+	+	+	M	+	+	M	+	+	+	+	+	+	40

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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																		
DAY ON TEST	684	700	702	717	719	725	725	726	745	749	751	757	762	765	765	765	765	
ANIMAL ID	0049 7	0048 2	0060 0	0045 0	0087 7	0056 3	0068 7	0069 3	0046 6	0100 2	0053 6	0100 5	0081 4	0060 4	0065 2	0110 2	0122 1	*TOTALS
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma																		1
Mast Cell Tumor Malignant																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma													X					2
Lymphoma Malignant	X								X					X				10

** END OF REPORT **

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