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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:16
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	098	130	144	320	376	342	541	515	536	562	584	599	677	712	739	708	739	757	766	766	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0003 8	0004 2	0004 4	0007 4	0009 8	0010 3	0011 5	0011 7	0021 1	0022 1	0024 1	0026 8	0033 4	0040 5	0045 3	0046 1	0047 3	0048 4	0055 6	0055 7	0057 6	0057 7	0064 5	0069 8	0075 4	0075 5	0075 6	0075 7	0083 6	0083 7	0089 2
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	A	A	A	+	+	+	A	+	A	A	+	A	A	+	A	+	+	A	+	+	+	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	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	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	098	130	144	320	376	342	541	515	536	562	584	599	677	712	739	708	739	757	766	766	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0038	0042	0044	0074	0098	0103	0151	0172	0211	0221	0241	0268	0334	0405	0453	0461	0473	0484	0556	0557	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892
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	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	098	130	144	320	376	342	541	515	536	562	584	599	677	712	739	708	739	757	766	766	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0003 8	0004 2	0004 4	0007 4	0009 8	0010 3	0015 1	0017 2	0021 1	0022 1	0024 1	0026 8	0033 4	0040 5	0045 3	0046 1	0047 3	0048 4	0055 6	0055 7	0057 6	0057 7	0064 5	0069 8	0075 4	0075 5	0075 6	0075 7	0083 6	0083 7	0089 2
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																															
Lymph Node		+													+										+			+			
Axillary, Sarcoma, Metastatic, Skin																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma															X																
Neoplasm Nos										X																					
Lymph Node, Mesenteric	M	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Neoplasm Nos, Metastatic, Thymus										X																					
Spleen	+	+	A	A	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Thymus	M	+	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
\+ ..Tissue examined microscopically
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I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:17
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	098	130	144	320	376	342	541	515	536	562	584	599	677	712	739	708	739	757	766	766	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0038	0042	0044	0074	0098	0103	0151	0172	0211	0221	0241	0268	0334	0405	0453	0461	0473	0484	0556	0557	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892
Integumentary System																															
Mammary Gland	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	M	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma, Multiple																									X						
Hemangiosarcoma																															
Sarcoma									X			X	X				X		X						X			X			
Sarcoma, Multiple																															
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	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:17
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	098	130	144	320	376	342	541	515	536	562	584	599	677	712	739	708	739	757	766	766	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0038	0042	0044	0074	0098	0103	0151	0172	0211	0221	0241	0268	0334	0405	0453	0461	0473	0484	0556	0557	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																															
Alveolar/Bronchiolar Adenoma, Multiple																												X			
Alveolar/Bronchiolar Carcinoma																	X														
Hepatocellular Carcinoma, Metastatic, Liver																					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																		
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..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

P07: 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

B6C3F1/NCTR Mouse Male 0% ETH/ 0PPM URE																																
DAY ON TEST	098	130	144	320	376	342	541	515	536	562	584	599	677	712	739	708	739	757	766	766	764	764	764	764	764	764	764	764	764	764	764	764
ANIMAL ID	0038	0042	0044	0074	0098	0103	0151	0172	0211	0221	0241	0268	0334	0405	0453	0461	0473	0484	0556	0557	0576	0577	0645	0698	0754	0755	0756	0757	0836	0837	0892
Histiocytic Sarcoma								X																							
Lymphoma Malignant															X										X		X	X			

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

DAY ON TEST	764	764	764	756	757	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0089 3	0095 4	0095 5	0100 3	0100 6	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	35
Intestine Large, Cecum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	39
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Small, Duodenum	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	35
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	756	757	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0089 3	0095 4	0095 5	0100 3	0100 6	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	*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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	756	757	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0089 3	0095 4	0095 5	0100 3	0100 6	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	*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					X													1
Lymph Node		+		+								+	+					8
Axillary, Sarcoma, Metastatic, Skin												X						1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma																		1
Neoplasm Nos																		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Neoplasm Nos, Metastatic, Thymus																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Hemangiosarcoma					X					X								2
Thymus	+	+	+	+	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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:18
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	764	764	764	756	757	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0089 3	0095 4	0095 5	0100 3	0100 6	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	*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						9
Sarcoma, Multiple	X																	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Respiratory System																		
Larynx	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	45

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

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CAS Number: URETHCOMB

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Lab: NCTR

B6C3F1/NCTR Mouse Male 0% ETH/ 0PPM URE																		
DAY ON TEST	764	764	764	756	757	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0089 3	0095 4	0095 5	0100 3	0100 6	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma						X	X	X										3
Alveolar/Bronchiolar Adenoma, Multiple																		1
Alveolar/Bronchiolar Carcinoma																		1
Hepatocellular Carcinoma, Metastatic, Liver					X													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	X																	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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:18
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	764	764	764	756	757	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0089 3	0095 4	0095 5	0100 3	0100 6	0100 9	0101 0	0101 1	0101 2	0105 9	0106 0	0106 1	0107 7	0107 8	0117 3	0117 4	0117 5	*TOTALS
Histiocytic Sarcoma				X			X											3
Lymphoma Malignant		X			X		X						X		X			9

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Test Type: CHRONIC
Route: DOSED WATER
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: 00:20:18
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	014	011	021	022	022	030	044	052	053	051	061	066	066	064	070	064	069	075	075	075	075	070	072	076	076	076	076	075	074	074	074
ANIMAL ID	0046	0057	0058	0059	0067	0073	0119	0152	0163	0176	0316	0346	0349	0374	0388	0394	0454	0531	0532	0533	0534	0562	0565	0595	0596	0597	0643	0694	0713	0811	0834
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	A	A	A	A	+	+	A	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Intestine Large, Cecum	+	A	A	A	A	A	A	+	A	+	A	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	A	+	A	+	+	+	+	A	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																															
Intestine Small, Duodenum	A	A	+	A	A	A	A	+	A	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	A	A	A	A	A	A	+	A	+	A	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	A	+	A	A	A	A	+	A	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																												X			
Hepatoblastoma																														X	
Hepatocellular Adenoma												X						X			X								X		X
Hepatocellular Adenoma, Multiple															X					X						X					
Hepatocellular Carcinoma													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	014	011	021	022	022	030	044	052	053	051	061	066	066	064	070	064	069	075	075	075	075	070	072	076	076	076	076	075	076	074	076
ANIMAL ID	0046	0057	0058	0059	0067	0073	0119	0152	0163	0176	0316	0346	0349	0374	0388	0394	0454	0531	0532	0533	0534	0562	0565	0595	0596	0597	0643	0694	0713	0811	0834
Stomach, Glandular	+	A	+	A	A	+	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																														X	
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																												X			
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																									X						
Subcapsular, Adenoma													X																		
Adrenal Gland, Medulla	+	+	+	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	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	M	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																															X
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:19
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	014	011	021	022	022	030	044	052	053	051	061	066	066	064	070	064	069	075	075	075	075	070	072	076	076	076	076	075	076	074	074
ANIMAL ID	0046	0057	0058	0059	0067	0073	0119	0152	0163	0176	0316	0346	0349	0374	0388	0394	0454	0531	0532	0533	0534	0562	0565	0595	0596	0597	0643	0694	0713	0811	0834
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	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

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Species/Strain: Mouse/B6C3F1/NCTR

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CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:19
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	0141	0111	0211	0220	0224	0306	0443	0520	0537	0511	0614	0662	0665	0640	0706	0642	0691	0765	0765	0765	0765	0703	0726	0764	0764	0764	0754	0764	0746	0764
ANIMAL ID	0046	0057	0058	0059	0067	0073	0119	0152	0163	0176	0316	0346	0349	0374	0388	0394	0454	0531	0532	0533	0534	0562	0565	0595	0596	0597	0643	0694	0713	0811	0834
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Carcinoma												X																			
Fibroma																															
Hemangioma																									X						
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																		X													
Sarcoma								X						X									X								X
Sarcoma, Multiple																						X									
Squamous Cell Papilloma												X																			
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Rhabdomyosarcoma																		X													
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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:19
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	014	011	021	022	022	030	044	052	053	051	061	066	066	064	070	064	069	075	077	077	077	077	072	077	077	077	077	075	077	077	074
ANIMAL ID	0046	0057	0058	0059	0067	0073	0119	0152	0163	0176	0316	0346	0349	0374	0388	0394	0454	0531	0532	0533	0534	0562	0565	0595	0596	0597	0643	0694	0713	0811	0834
Alveolar/Bronchiolar Adenoma										X		X	X			X				X	X	X		X							X
Alveolar/Bronchiolar Adenoma, Multiple																		X													
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	
Bilateral, Adenoma															X																
Carcinoma																															
Lacrimal Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	M	+	+	+
Urinary System																															
Kidney	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urethra			+																												
Urinary Bladder	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:19
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	014	011	021	022	022	030	044	052	053	051	061	066	066	064	070	064	069	075	075	075	075	070	072	074	074	074	074	075	074	074	074	074
ANIMAL ID	0046	0057	0058	0059	0067	0073	0119	0152	0163	0176	0316	0346	0349	0374	0388	0394	0454	0531	0532	0533	0534	0562	0565	0595	0596	0597	0643	0694	0713	0811	0834
SYSTEMIC LESIONS																																
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma											X										X											
Lymphoma Malignant																X								X	X	X						

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B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	764	752	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0083 5	0087 3	0090 8	0090 9	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	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Intestine Large, Cecum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Intestine Large, Colon	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small	+																	1
Intestine Small, Duodenum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma									X									2
Hepatoblastoma																		1
Hepatocellular Adenoma				X					X	X		X				X		10
Hepatocellular Adenoma, Multiple																		3
Hepatocellular Carcinoma		X					X											6
Mesentery																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Squamous Cell Carcinoma																		1
Squamous Cell Papilloma																		1

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M ..Missing tissue
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B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	764	752	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0083 5	0087 3	0090 8	0090 9	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	*TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Carcinoma																		1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma																		1
Endocrine System																		
Adrenal Gland, Cortex	M	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	44
Adenoma																		1
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	M	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	43
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Parathyroid Gland	M	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	33
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicular Cel, Adenoma						X												2
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	764	752	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0083 5	0087 3	0090 8	0090 9	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	*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	+	+	29
Integumentary System																		
Mammary Gland	M	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
0% ETH/ 10PPMURE

DAY ON TEST	764	752	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0083 5	0087 3	0090 8	0090 9	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	*TOTALS
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Basal Cell Carcinoma																		1
Fibroma			X								X							2
Hemangioma																		1
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																		1
Sarcoma				X	X												X	7
Sarcoma, Multiple								X										2
Squamous Cell Papilloma																		1
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Rhabdomyosarcoma																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	764	752	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0083 5	0087 3	0090 8	0090 9	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	*TOTALS
Alveolar/Bronchiolar Adenoma	X	X			X							X			X	X		15
Alveolar/Bronchiolar Adenoma, Multiple									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		X						X						10
Bilateral, Adenoma																		1
Carcinoma																X		1
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Urethra																		1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

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B6C3F1/NCTR Mouse Male
0% ETH/ 10PPMURE

DAY ON TEST	764	752	764	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0083 5	0087 3	0090 8	0090 9	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	*TOTALS
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma		X																3
Lymphoma Malignant	X															X	X	7

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:20
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	0312	0410	0403	0456	0432	0510	0542	0655	0611	0668	0641	0653	0643	0728	0724	0746	0754	0765	0765	0765	0724	0707	0764	0764	0746	0764	0764	0764	0764	0764	0764	0752
ANIMAL ID	0007	0010	0010	0011	0013	0020	0022	0028	0029	0035	0035	0038	0039	0044	0048	0049	0049	0051	0051	0052	0053	0056	0058	0058	0062	0063	0063	0064	0070	0074	0075	0080
Alimentary System																																
Esophagus		+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder		+	A	+	+	A	M	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	+	+	+	+	+	+	+	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	+	M	+	+	+	+	+	+	+	A
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	X
Hepatocellular Adenoma, Multiple														X						X								X				
Hepatocellular Carcinoma							X	X							X				X			X						X				
Hepatocellular Carcinoma, Multiple																																
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
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B6C3F1/NCTR Mouse Male 0% ETH/ 30PPMURE																															
DAY ON TEST	312	410	403	456	432	510	542	655	611	668	641	653	643	728	724	746	754	765	765	765	724	707	764	764	746	764	764	764	764	764	752
ANIMAL ID	0007 7	0010 4	0010 8	0011 3	0013 0	0020 8	0022 2	0028 2	0029 1	0035 4	0035 6	0038 9	0039 9	0044 3	0048 7	0049 2	0049 8	0051 8	0051 9	0052 0	0053 8	0056 9	0058 0	0058 1	0062 4	0063 3	0063 4	0070 2	0074 9	0075 0	0080 6
Stomach, Forestomach		+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
Squamous Cell Papilloma																		X						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	+	M
Pituitary Gland		+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	M	M	+	+	+	+	M	+	+
Thyroid Gland		+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																															

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B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	0312	0410	0403	0456	0432	0510	0542	0655	0611	0668	0641	0653	0643	0728	0724	0746	0754	0765	0765	0765	0724	0707	0764	0764	0746	0764	0764	0764	0764	0764	0752
ANIMAL ID	0007	0010	0010	0011	0013	0020	0022	0028	0029	0034	0036	0038	0039	0043	0048	0049	0049	0051	0051	0052	0053	0056	0058	0058	0062	0063	0063	0064	0070	0074	0075	0080
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	+	+	+	+	+	+	+	+	+	+	+	M
Spleen		+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
Hemangioma																		X													
Hemangiosarcoma															X																
Thymus		+	A	+	M	+	+	+	+	M	M	+	+	+	+	+	M	+	+	+	+	+	M	+	M	+	+	+	+	+	M

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B6C3F1/NCTR Mouse Male
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ANIMAL ID	0007	0010	0010	0011	0013	0020	0022	0028	0029	0035	0036	0038	0039	0043	0048	0049	0049	0051	0051	0051	0052	0053	0056	0058	0058	0062	0063	0063	0070	0074	0075	0080
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																															
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																															
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ANIMAL ID	0007 7	0010 4	0010 8	0011 3	0013 0	0020 8	0022 2	0028 2	0029 1	0035 4	0035 6	0038 9	0039 9	0044 3	0048 7	0049 2	0049 8	0051 8	0051 9	0052 0	0053 8	0056 9	0058 0	0058 1	0062 4	0063 3	0063 4	0070 2	0074 9	0075 0	0080 6
Alveolar/Bronchiolar Adenoma				X					X							X			X				X		X					X	
Alveolar/Bronchiolar Adenoma, Multiple						X														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			
Bilateral, Adenoma																				X									X	X	
Bilateral, Carcinoma						X																									
Carcinoma							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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:22
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	0312	0410	0403	0456	0432	0510	0542	0655	0611	0668	0641	0653	0643	0728	0724	0746	0754	0765	0765	0765	0724	0707	0764	0764	0746	0764	0764	0764	0764	0764	0752
ANIMAL ID	0007	0010	0010	0011	0013	0020	0022	0028	0029	0034	0036	0038	0039	0044	0048	0049	0049	0051	0051	0052	0053	0056	0058	0058	0062	0063	0063	0070	0074	0075	0080
SYSTEMIC LESIONS																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma										X			X																		X
Lymphoma Malignant		X										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	762	764	764	764	764	764	764	764	
ANIMAL ID	0081 7	0081 8	0088 4	0088 5	0088 6	0094 6	0094 7	0094 8	0107	0105 5	0105 6	0105 7	0105 8	0111 1	0116 8	0116 9	0117 0	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	36
Intestine Large																		1
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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			13
Hepatocellular Adenoma, Multiple										X								4
Hepatocellular Carcinoma	X							X										8
Hepatocellular Carcinoma, Multiple		X																1
Mesentery																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Hemangiosarcoma																		1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Stomach																		1

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DAY ON TEST	764	764	764	764	764	764	764	764	764	762	764	764	764	764	764	764	764	
ANIMAL ID	0081 7	0081 8	0088 4	0088 5	0088 6	0094 6	0094 7	0094 8	0100 7	0105 5	0105 6	0105 7	0105 8	0111 1	0116 8	0116 9	0117 0	*TOTALS
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Squamous Cell Papilloma																	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	30
Pituitary Gland	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	39
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
General Body System																		

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ANIMAL ID	0081 7	0081 8	0088 4	0088 5	0088 6	0094 6	0094 7	0094 8	0100 7	0105 5	0105 6	0105 7	0105 8	0111 1	0116 8	0116 9	0117 0	*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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangioma																		1
Hemangiosarcoma		X																2
Thymus	+	M	+	+	+	M	+	+	+	+	+	M	+	M	+	+	+	35

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ANIMAL ID	0081 7	0081 8	0088 4	0088 5	0088 6	0094 6	0094 7	0094 8	0100 7	0105 5	0105 6	0105 7	0105 8	0111 1	0116 8	0116 9	0117 0	*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										X								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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0% ETH/ 30PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	762	764	764	764	764	764	764	764	
ANIMAL ID	0081 7	0081 8	0088 4	0088 5	0088 6	0094 6	0094 7	0094 8	0100 7	0105 5	0105 6	0105 7	0105 8	0111 1	0116 8	0116 9	0117 0	*TOTALS
Alveolar/Bronchiolar Adenoma	X		X	X	X	X			X							X	X	15
Alveolar/Bronchiolar Adenoma, Multiple								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	X		21
Bilateral, Adenoma														X				4
Bilateral, Carcinoma																		1
Carcinoma			X							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

* ..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 30PPMURE

DAY ON TEST	764	764	764	764	764	764	764	764	764	762	764	764	764	764	764	764	764	
ANIMAL ID	0081 7	0081 8	0088 4	0088 5	0088 6	0094 6	0094 7	0094 8	0100 7	0105 5	0105 6	0105 7	0105 8	0111 1	0116 8	0116 9	0117 0	*TOTALS
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Histiocytic Sarcoma										X						X	X	6
Lymphoma Malignant												X						6

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:23
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	034	029	036	046	045	045	048	047	053	049	054	054	056	050	052	060	061	061	058	064	057	061	060	066	071	064	068	070	068	070	068
ANIMAL ID	0078	0081	0100	0116	0131	0132	0138	0139	0146	0154	0157	0177	0181	0201	0206	0212	0216	0239	0260	0263	0274	0280	0284	0329	0371	0386	0402	0448	0463	0469	0470
Alimentary System																															
Esophagus	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	A	A	A	+	+	A	A	A	A	M	A	A	A	+	+	A	A	+	+	A	A	A	M	+	M	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			
Hepatocellular Adenoma					X			X	X					X			X							X							
Hepatocellular Adenoma, Multiple																X						X	X							X	
Hepatocellular Carcinoma																			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																															

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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Male 0% ETH/ 90PPMURE																															
DAY ON TEST	034	029	036	046	045	045	048	047	053	049	054	054	056	050	052	060	061	061	058	064	057	061	060	066	071	064	068	070	068	070	068
ANIMAL ID	0078	0081	0100	0116	0131	0132	0138	0139	0146	0154	0157	0177	0181	0201	0206	0212	0216	0239	0260	0263	0274	0280	0284	0329	0371	0386	0402	0448	0463	0469	0470
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																				
Schwannoma Malignant							X																								
Endocrine System																															
Adrenal Gland, Cortex	A	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
Adrenal Gland, Medulla	A	+	A	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+
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	+
Pituitary Gland	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	+	M	+	+	+	+	M	A	M	+
Thyroid Gland	A	+	A	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male 0% ETH/ 90PPMURE																														
DAY ON TEST	034	029	036	046	045	045	048	047	053	049	054	054	056	050	052	060	061	061	058	064	057	061	060	066	071	066	068	070	068	070	068
ANIMAL ID	0078	0081	0100	0116	0131	0132	0138	0139	0146	0154	0157	0177	0181	0201	0206	0212	0216	0239	0260	0263	0274	0280	0284	0329	0371	0386	0402	0448	0463	0469	0470
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	A	+	A	+	+	+	+	+	+	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Penis			+		+																										
Preputial Gland	+	+	A	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	+	+	+	+	+	A	M	+	+	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
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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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:24
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	034	029	036	046	045	045	048	047	053	049	054	054	056	050	052	060	061	061	058	064	057	061	060	066	071	064	068	070	068	070	068
ANIMAL ID	0078	0081	0100	0116	0131	0132	0138	0139	0146	0154	0157	0177	0181	0201	0206	0212	0216	0239	0260	0263	0274	0280	0284	0329	0371	0386	0402	0448	0463	0469	0470
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			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	034	029	036	046	045	045	048	047	053	049	054	054	056	050	052	060	061	061	058	064	057	061	060	066	071	064	068	070	068	070	068
ANIMAL ID	0078	0081	0100	0116	0131	0132	0138	0139	0146	0154	0157	0177	0181	0201	0206	0212	0216	0239	0260	0263	0274	0280	0284	0329	0371	0386	0402	0448	0463	0469	0470
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				X		
Alveolar/Bronchiolar Adenoma, Multiple									X					X		X		X	X		X	X				X		X		X	
Alveolar/Bronchiolar Carcinoma															X													X	X		
Alveolar/Bronchiolar Carcinoma, Multiple																															
Hemangiosarcoma																															
Hepatocellular Carcinoma																			X												
Hepatocellular Carcinoma, Metastatic, Liver																			X												
Hepatocellular Carcinoma, Multiple, Metastatic, Liver																															
Sarcoma, Metastatic, Skin												X		X																	X
Schwannoma Malignant, Metastatic, Lung							X																								

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

DAY ON TEST	034	029	036	046	045	045	048	047	053	049	054	054	056	050	052	060	061	061	058	064	057	061	060	066	071	064	068	070	068	070	068
ANIMAL ID	0007 8	0008 1	0010 0	0011 6	0013 1	0013 2	0013 8	0013 9	0014 6	0015 4	0015 7	0017 7	0018 1	0020 1	0020 6	0021 2	0021 6	0023 9	0026 0	0026 3	0027 4	0028 0	0028 4	0032 9	0037 1	0038 6	0040 2	0044 8	0046 3	0046 9	0047 0
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
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
\+ ..Tissue examined microscopically
X ..Lesion present
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DAY ON TEST	0334	0293	0369	0466	0453	0453	0483	0473	0530	0493	0548	0548	0569	0503	0521	0600	0611	0618	0580	0646	0576	0611	0600	0660	0710	0664	0680	0701	0680	0703	0682
B6C3F1/NCTR Mouse Male 0% ETH/ 90PPMURE																															
ANIMAL ID	0078	0081	0100	0116	0131	0132	0138	0139	0146	0154	0157	0177	0181	0201	0206	0212	0216	0239	0260	0263	0274	0280	0284	0329	0371	0386	0402	0448	0463	0469	0470
Leukemia Granulocytic																				X											
Lymphoma Malignant																X															

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B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	071 3	076 4	076 5	071 9	070 7	074 6	076 4	076 4	072 6	076 1	076 4	076 4	072 6	072 8	072 9	076 4	076 4	
ANIMAL ID	0048 0	0059 4	0065 5	0067 3	0067 8	0068 8	0071 1	0071 2	0074 3	0074 4	0076 5	0076 6	0081 2	0094 3	0094 5	0102 3	0118 8	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	+	A	+	+	+	+	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		X		13
Hepatocellular Adenoma		X								X		X				X		10
Hepatocellular Adenoma, Multiple								X	X				X					7
Hepatocellular Carcinoma	X				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

* ..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	0713	0764	0765	0719	0707	0746	0764	0764	0726	0761	0764	0764	0726	0728	0729	0764	0764	
ANIMAL ID	0048 0	0059 4	0065 5	0067 3	0067 8	0068 8	0071 1	0071 2	0074 3	0074 4	0076 5	0076 6	0081 2	0094 3	0094 5	0102 3	0118 8	*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			X			5
Schwannoma Malignant																		1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Adrenal Gland, Medulla	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	43
Bilateral, Pheochromocytoma Benign																		1
Pheochromocytoma Benign						X							X					5
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Adenoma																		1
Parathyroid Gland	M	M	+	M	M	+	+	+	M	M	+	M	+	+	M	+	+	28
Pituitary Gland	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	38
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45

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B6C3F1/NCTR Mouse Male
0% ETH/ 90PPMURE

DAY ON TEST	713	764	765	719	707	746	764	764	726	761	764	764	726	728	729	764	764	
ANIMAL ID	0048 0	0059 4	0065 5	0067 3	0067 8	0068 8	0071 1	0071 2	0074 3	0074 4	0076 5	0076 6	0081 2	0094 3	0094 5	0102 3	0118 8	*TOTALS
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Penis																		2
Preputial Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	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	713	764	765	719	707	746	764	764	726	761	764	764	726	728	729	764	764	
ANIMAL ID	0048 0	0059 4	0065 5	0067 3	0067 8	0068 8	0071 1	0071 2	0074 3	0074 4	0076 5	0076 6	0081 2	0094 3	0094 5	0102 3	0118 8	*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											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	0713	0764	0765	0719	0707	0746	0764	0764	0726	0761	0764	0764	0726	0728	0729	0764	0764	
ANIMAL ID	00480	00594	00655	00673	00678	00688	00711	00712	00743	00744	00765	00766	00812	00943	00945	01023	01188	*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	14
Alveolar/Bronchiolar Adenoma, Multiple		X	X	X		X	X		X		X	X	X			X		20
Alveolar/Bronchiolar Carcinoma					X			X		X		X	X					8
Alveolar/Bronchiolar Carcinoma, Multiple							X											1
Hemangiosarcoma					X													1
Hepatocellular Carcinoma																		1
Hepatocellular Carcinoma, Metastatic, Liver																		1
Hepatocellular Carcinoma, Multiple, Metastatic, Liver					X													1
Sarcoma, Metastatic, Skin																		3
Schwannoma Malignant, Metastatic, Lung																		1

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B6C3F1/NCTR Mouse Male 0% ETH/ 90PPMURE																		
DAY ON TEST	713	764	765	719	707	746	764	764	726	761	764	764	726	728	729	764	764	
ANIMAL ID	00480	00594	00655	00673	00678	00688	00711	00712	00743	00744	00765	00766	00812	00943	00945	01023	01188	*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												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 3	076 4	076 5	071 9	070 7	074 6	076 4	076 4	072 6	076 1	076 4	076 4	072 6	072 8	072 9	076 4	076 4	
ANIMAL ID	0048 0	0059 4	0065 5	0067 3	0067 8	0068 8	0071 1	0071 2	0074 3	0074 4	0076 5	0076 6	0081 2	0094 3	0094 5	0102 3	0118 8	*TOTALS
Leukemia Granulocytic																		1
Lymphoma Malignant		X	X							X								4

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DAY ON TEST	0123	0373	0474	0513	0527	0582	0607	0614	0655	0696	0675	0619	0642	0719	0670	0764	0764	0764	0764	0764	0764	0761	0764	0764	0764	0764	0764	0764	0764	0764	0764
B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0357	0370	0373	0375	0396	0409	0438	0590	0591	0592	0639	0640	0641	0692	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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B6C3F1/NCTR Mouse Male 2.5%ETH/0PPM URE																														
DAY ON TEST	0123	0373	0474	0513	0527	0582	0607	0614	0655	0696	0675	0619	0642	0719	0670	0764	0764	0764	0764	0764	0764	0761	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0357	0370	0373	0375	0396	0409	0438	0590	0591	0592	0639	0640	0641	0692	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	0655	0696	0675	0619	0642	0719	0670	0764	0764	0764	0764	0764	0764	0761	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0357	0370	0373	0375	0396	0409	0438	0590	0591	0592	0639	0640	0641	0692	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			

* ..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/0PPM URE																															
DAY ON TEST	0123	0373	0474	0513	0527	0582	0607	0614	0655	0696	0675	0619	0642	0719	0670	0764	0764	0764	0764	0764	0764	0761	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0357	0370	0373	0375	0396	0409	0438	0590	0591	0592	0639	0640	0641	0692	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:27
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	123	373	474	513	527	582	607	614	655	696	675	619	642	719	670	764	764	764	764	764	764	761	764	764	764	764	764	764	764	764	764
ANIMAL ID	0043	0097	0137	0153	0156	0230	0250	0295	0357	0370	0373	0375	0396	0409	0438	0590	0591	0592	0639	0640	0641	0692	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									

* ..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/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	0103	0107	0107	0107	0112	0112	0112	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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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	009 03	009 66	009 67	009 68	010 27	010 28	010 29	010 30	010 70	010 71	010 72	011 24	011 25	011 26	011 90	011 91	011 92	*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
\+ ..Tissue examined microscopically
X ..Lesion present
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M ..Missing tissue
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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	0903	0966	0967	0968	0127	0128	0129	0130	0170	0171	0172	0124	0125	0126	0190	0191	0192	*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

* ..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:27
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
2.5%ETH/10PPMURE

DAY ON TEST	305	382	466	523	620	638	617	675	681	622	710	655	628	739	765	765	764	764	764	764	764	713	718	764	764	764	764	764	764	764	764	764
ANIMAL ID	0076	0099	0135	0174	0233	0251	0290	0330	0338	0348	0367	0377	0395	0451	0516	0517	0578	0579	0631	0632	0675	0691	0699	0700	0701	0758	0759	0760	0761	0822	0823
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	A	+	+	+	A	+	+	+	A	+	M	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	A	A	A	A	+	A	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	A	A	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small																				+											
Intestine Small, Duodenum	+	A	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	A	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	A	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma									X									X	X												
Hepatocellular Adenoma					X											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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung					X																										
Hemangiosarcoma															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

DAY ON TEST	305	382	466	523	620	638	617	675	681	622	710	655	628	739	765	765	764	764	764	764	713	718	764	764	764	764	764	764	764	764	764
B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE ANIMAL ID	0076	0099	0135	0174	0233	0251	0290	0330	0338	0348	0367	0377	0395	0451	0516	0517	0578	0579	0631	0632	0675	0691	0699	0700	0701	0758	0759	0760	0761	0822	0823
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma				X																		X									
Stomach, Glandular	+	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	M	+
Pituitary Gland	+	+	+	+	M	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma													X																	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 2.5%ETH/10PPMURE																														
DAY ON TEST	035	382	466	523	620	638	617	675	681	622	710	655	628	739	765	765	764	764	764	764	713	718	764	764	764	764	764	764	764	764
ANIMAL ID	0076	0099	0135	0174	0233	0251	0290	0330	0338	0348	0367	0377	0395	0451	0516	0517	0578	0579	0631	0632	0675	0691	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	+	+	+	+	+	+	+	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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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																															
DAY ON TEST	030 5	038 2	046 6	052 3	062 0	063 8	061 7	067 5	068 1	062 2	071 0	065 5	062 8	073 9	076 5	076 5	076 4	076 4	076 4	076 4	071 3	071 8	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4	076 4
ANIMAL ID	0007 6	0009 9	0013 5	0017 4	0023 3	0025 1	0029 0	0033 0	0033 8	0034 8	0036 7	0037 7	0039 5	0045 1	0051 6	0051 7	0057 8	0057 9	0063 1	0063 2	0067 5	0069 1	0069 9	0070 0	0070 1	0075 8	0075 9	0076 0	0076 1	0082 2	0082 3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																											X				
Fibroma															X																
Prepuce, Fibroma																															
Sarcoma							X	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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X ..Lesion present
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M ..Missing tissue
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DAY ON TEST	305	382	466	523	620	638	617	675	681	622	710	655	628	739	765	765	764	764	764	764	713	718	764	764	764	764	764	764	764	764	764
B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE ANIMAL ID	0076	0099	0135	0174	0233	0251	0290	0330	0338	0348	0367	0377	0395	0451	0516	0517	0578	0579	0631	0632	0675	0691	0699	0700	0701	0758	0759	0760	0761	0822	0823
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma							X								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	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																															

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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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:29
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
2.5%ETH/10PPMURE

DAY ON TEST	305	382	466	523	620	638	617	675	681	622	710	655	628	739	765	765	764	764	764	764	713	718	764	764	764	764	764	764	764	764	764
ANIMAL ID	0076	0099	0135	0174	0023	0251	0290	0330	0338	0348	0367	0377	0395	0451	0516	0517	0578	0579	0631	0632	0675	0691	0699	0700	0701	0758	0759	0760	0761	0822	0823
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma						X														X	X										
Lymphoma Malignant										X																			X		
Mesothelioma Nos																															

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B6C3F1/NCTR Mouse Male
2.5%ETH/10PPMURE

DAY ON TEST	764	743	764	764	764	764	764	764	764	764	764	760	764	764	764	764	764	
ANIMAL ID	0082 4	0088 0	0089 4	0095 6	0095 7	0095 8	0101 3	0101 4	0101 5	0101 6	0106 2	0110 8	0111 3	0111 4	0111 6	0117 7	0117 8	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	M	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	41
Intestine Large, Cecum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Large, Colon	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small				+		+												3
Intestine Small, Duodenum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Small, Ileum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Small, Jejunum	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma														X				4
Hepatocellular Adenoma	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	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma																		1

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B6C3F1/NCTR Mouse Male 2.5%ETH/10PPMURE																		
DAY ON TEST	764	743	764	764	764	764	764	764	764	764	764	760	764	764	764	764	764	
ANIMAL ID	0084	0080	0089	0096	0097	0098	0103	0104	0105	0106	0106	0108	0113	0114	0116	0117	0118	*TOTALS
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Squamous Cell Papilloma				X										X				4
Stomach, Glandular	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Parathyroid Gland	M	+	+	+	+	+	+	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	743	764	764	764	764	764	764	764	764	764	760	764	764	764	764	764	
ANIMAL ID	0082 4	0080	0089 4	0095 6	0095 7	0095 8	0101 3	0101 4	0101 5	0101 6	0106 2	0110 8	0111 3	0111 4	0111 6	0111 7	0111 8	*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	+	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	743	764	764	764	764	764	764	764	764	764	760	764	764	764	764	764	
ANIMAL ID	0084	0080	0089	0096	0097	0098	0103	0104	0105	0106	0106	0108	0113	0114	0116	0117	0118	*TOTALS
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Basal Cell Adenoma																		1
Fibroma						X				X								3
Prepuce, Fibroma																X		1
Sarcoma																		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

* ..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	764	743	764	764	764	764	764	764	764	764	764	760	764	764	764	764	764	
ANIMAL ID	0084	0080	0089	0096	0097	0098	0103	0104	0105	0106	0106	0108	0113	0114	0116	0117	0118	*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma						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	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																		

* ..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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:30
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
2.5%ETH/10PPMURE

DAY ON TEST	764	743	764	764	764	764	764	764	764	764	764	760	764	764	764	764	764	
ANIMAL ID	0082 4	0088 0	0089 4	0095 6	0095 7	0095 8	0101 3	0101 4	0101 5	0101 6	0106 2	0110 8	0111 3	0111 4	0111 6	0111 7	0111 8	*TOTALS
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma		X																4
Lymphoma Malignant				X		X				X			X					6
Mesothelioma Nos												X						1

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\+ ..Tissue examined microscopically
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Experiment Number: 00602-05
Test Type: CHRONIC
Route: DOSED WATER
Species/Strain: Mouse/B6C3F1/NCTR

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
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Time Report Requested: 00:20:30
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
2.5%ETH/30PPMURE

DAY ON TEST	014	014	012	024	036	042	043	052	051	059	063	063	064	065	064	068	071	073	073	074	067	076	076	076	076	076	071	071	076	076	076	076
ANIMAL ID	0041	0045	0056	0072	0083	0106	0122	0145	0178	0214	0283	0285	0303	0376	0382	0397	0404	0437	0507	0512	0526	0527	0528	0588	0589	0626	0671	0706	0751	0752	0819
Alimentary System																																
Esophagus	+	+	+	M	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	A	+	+	A	+	+	+	+		A	+	A	+	+	A	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	A	+	+	+	A		A	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	A	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small														+								+										
Intestine Small, Duodenum	+	A	+	A	+	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							X				X	X		
Hepatocellular Carcinoma																			X							X		X				
Mesentery																				+												
Sarcoma																				X												
Pancreas	+	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	M	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																																
Stomach, Glandular	+	+	+	A	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																															
DAY ON TEST	014	014	012	024	036	042	043	052	051	059	066	063	064	065	064	068	071	073	073	067	076	076	076	076	076	071	071	076	076	076	076
ANIMAL ID	0041	0045	0056	0072	0083	0106	0122	0145	0178	0214	0283	0285	0303	0376	0382	0397	0404	0437	0507	0512	0526	0527	0528	0588	0589	0626	0671	0706	0751	0752	0819
Tongue	+	+	+	M	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Adenoma																															
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+		M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																			X												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+		+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	M	M		A	+	+	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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ANIMAL ID	0041	0045	0056	0072	0083	0106	0122	0145	0178	0214	0283	0285	0303	0376	0382	0397	0404	0437	0507	0512	0526	0527	0528	0588	0589	0626	0671	0706	0751	0752	0819
Hemangioma																										X					
Penis	+						+																								
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Hemangioma																											X				
Hemangiosarcoma																															
Prostate	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	+	+	+
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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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																															
DAY ON TEST	014	014	012	024	036	042	043	052	051	059	066	063	064	065	064	068	071	073	073	067	076	076	076	076	076	071	071	076	076	076	076
ANIMAL ID	0041	0045	0056	0072	0083	0106	0122	0145	0178	0214	0283	0285	0303	0376	0382	0397	0404	0437	0507	0512	0526	0527	0528	0588	0589	0626	0671	0706	0751	0752	0819
Skin	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Fibroma, Multiple																															
Hemangiosarcoma																		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					X	
Alveolar/Bronchiolar Carcinoma													X				X					X				X					

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:31
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
2.5%ETH/30PPMURE

DAY ON TEST	014	014	012	024	036	042	043	052	051	059	066	063	064	065	064	068	071	073	073	067	076	076	076	076	076	071	071	076	076	076	076
ANIMAL ID	0041	0045	0056	0072	0083	0106	0122	0145	0178	0214	0283	0285	0303	0376	0382	0397	0404	0437	0507	0512	0526	0527	0528	0588	0589	0626	0671	0706	0751	0752	0819
Alveolar/Bronchiolar Carcinoma, Multiple																															
Hepatocellular Carcinoma, Metastatic, Liver																			X												
Nose	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	M	+	+	+	+	+	+	+		+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Ear																													+		
Eye	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma						X					X			X				X				X	X		X			X	X		X
Bilateral, Adenoma																					X										
Carcinoma																															
Lacrimal Gland	+	+	+	+	+	+	+	M	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Sarcoma, Metastatic, Skin								X																							
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ureter							+																								
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+		A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma									X		X									X							X				

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	4	4	3	6	2	6	6	8	4	3	3	5	0	5	2	4	1	3	4	4	5	5	5	4	4	1	0	4	4	4	4	4
ANIMAL ID	0041	0045	0056	0072	0083	0106	0122	0145	0178	0214	0283	0285	0303	0376	0382	0397	0404	0437	0507	0512	0526	0527	0528	0588	0589	0626	0671	0706	0751	0752	0819
Lymphoma Malignant														X		X						X							X		X
Mesothelioma Malignant																																

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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	743	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0082 0	0088 7	0088 8	0088 9	0089 0	0094 4	0094 9	0095 0	0095 1	0101 9	0102 0	0111 6	0111 7	0111 8	0118 2	0118 3	0118 4	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Large, Cecum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Large, Colon	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small							+											3
Intestine Small, Duodenum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Small, Ileum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Small, Jejunum	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	41
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma															X	X		3
Hepatocellular Adenoma	X				X	X	X		X				X			X		12
Hepatocellular Adenoma, Multiple																		4
Hepatocellular Carcinoma						X	X											5
Mesentery														+				2
Sarcoma																		1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Squamous Cell Papilloma		X																1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45

* ..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 Male 2.5%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	743	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	00820	00887	00888	00889	00890	00944	00949	00950	00951	01019	01020	01116	01117	01118	01182	01183	01184	*TOTALS
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	45
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma			X			X												2
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Subcapsular, Adenoma														X				1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Pheochromocytoma Benign								X										2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Parathyroid Gland	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	743	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	00820	00887	00888	00889	00890	00944	00949	00950	00951	01019	01020	01116	01117	01118	01182	01183	01184	*TOTALS
Hemangioma																		1
Penis																		2
Preputial Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangioma																		1
Hemangiosarcoma																X		1
Prostate	M	+	+	+	+	+	+	+	+	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	+	+	M	28
Integumentary System																		
Mammary Gland	M	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/30PPMURE																		
DAY ON TEST	764	764	764	764	764	743	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	00820	00887	00888	00889	00890	00944	00949	00950	00951	01019	01020	01116	01117	01118	01182	01183	01184	*TOTALS
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Fibroma, Multiple	X																	1
Hemangiosarcoma	X																	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			8
Alveolar/Bronchiolar Carcinoma					X					X						X		7

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B6C3F1/NCTR Mouse Male 2.5%ETH/30PPMURE																		
DAY ON TEST	764	764	764	764	764	743	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0082 0	0088 7	0088 8	0088 9	0089 0	0094 4	0094 9	0095 0	0095 1	0101 9	0102 0	0111 6	0111 7	0111 8	0118 2	0118 3	0118 4	*TOTALS
Alveolar/Bronchiolar Carcinoma, Multiple			X															1
Hepatocellular Carcinoma, Metastatic, Liver						X												2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Special Senses System																		
Ear																		1
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma			X		X				X	X	X			X		X		17
Bilateral, Adenoma				X				X				X						4
Carcinoma										X								1
Lacrimal Gland	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	45
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin																		1
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Ureter																		1
Urinary Bladder	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	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	743	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	00820	00887	00888	00889	00890	00944	00949	00950	00951	01019	01020	01116	01117	01118	01182	01183	01184	*TOTALS
Lymphoma Malignant				X			X		X		X						X	10
Mesothelioma Malignant							X											1

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DAY ON TEST	0120	0395	0488	0453	0552	0536	0524	0605	0626	0614	0569	0649	0588	0620	0684	0640	0668	0670	0695	0690	0662	0726	0728	0721	0687	0765	0765	0764	0698	0764	0748
B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
ANIMAL ID	0047	0011	0012	0013	0015	0018	0018	0022	0024	0025	0026	0028	0028	0029	0033	0034	0036	0038	0041	0041	0041	0042	0044	0048	0048	0052	0053	0059	0062	0064	0067
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	A	+	+	A	+	+	A	+	+	A	A	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Intestine Large, Cecum	+	+	+	+	+	+	+	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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	+	A	A	+	+	A	+	+	+	A	+	+	A	A	+	+	A	+	+	+	A	A	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Hemangiosarcoma			X		X			X			X												X							X
Hepatocellular Adenoma		X						X												X						X		X			X
Hepatocellular Adenoma, Multiple										X						X									X		X			X	
Hepatocellular Carcinoma																												X			
Sarcoma, Metastatic, Skin		X																							X						
Mesentery									+																	+					
Pancreas	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
DAY ON TEST	0120	0395	0488	0453	0552	0536	0524	0605	0626	0614	0569	0649	0588	0620	0684	0640	0668	0670	0695	0690	0662	0726	0728	0721	0687	0765	0765	0764	0698	0764	0748
ANIMAL ID	0047	0011	0012	0013	0015	0018	0018	0022	0024	0025	0026	0028	0028	0029	0033	0034	0036	0038	0041	0041	0041	0042	0044	0048	0048	0052	0053	0059	0062	0064	0067
Sarcoma, Metastatic, Skin																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach													+																		
Stomach, Forestomach	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Squamous Cell Carcinoma																															
Squamous Cell Papilloma																										X					
Stomach, Glandular	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																															
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Hemangiosarcoma					X									X				X												X	
Sarcoma, Metastatic, Skin																															
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Adrenal Gland, Medulla	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Bilateral, Pheochromocytoma Benign																															

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
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ANIMAL ID	0047	0011	0012	0013	0015	0018	0018	0022	0024	0025	0026	0028	0028	0029	0033	0034	0036	0038	0041	0041	0041	0042	0044	0048	0048	0052	0053	0059	0062	0064	0067
Pheochromocytoma Benign							X																								X
Sarcoma, Metastatic, Skin																															
Islets, Pancreatic	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																									X						
Parathyroid Gland	+	+	+	+	+	M	+	M	+	+	M	+	M	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	+	+	M
Pituitary Gland	+	M	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	M
Thyroid Gland	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																												X			
General Body System																															
NONE																															
Genital System																															
Coagulating Gland	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																														X	
Penis	+						+																								
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Hemangioma														X																	
Hemangiosarcoma																															
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Testes	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
DAY ON TEST	0120	0395	0488	0453	0552	0536	0524	0605	0626	0614	0569	0649	0588	0620	0684	0640	0668	0670	0695	0690	0662	0726	0728	0721	0687	0765	0765	0764	0698	0764	0748
ANIMAL ID	0047	0011	0024	0036	0055	0085	0086	0024	0043	0056	0062	0086	0088	0094	0033	0034	0068	0085	0041	0046	0049	0023	0045	0081	0083	0059	0053	0059	0067	0064	0074
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node						+			+		+		+			+			+							+					
Axillary, Sarcoma, Metastatic, Skin																															
Inguinal, Hemangiosarcoma											X																				
Lymph Node, Mandibular	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Harderian Gland																									X						
Hemangiosarcoma											X																				
Lymph Node, Mesenteric	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Harderian Gland																									X						
Hemangiosarcoma											X																				
Sarcoma, Metastatic, Skin																															
Spleen	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma					X																										
Thymus	+	M	+	+	+	+	M	M	+	+	+	M	+	M	+	+	M	+	+	+	+	+	+	+	M	M	M	+	+	+	M
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Sarcoma, Metastatic, Skin																															
Integumentary System																															
Mammary Gland	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	M	M	M
Skin	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																										X					

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																															
DAY ON TEST	0120	0395	0488	0453	0552	0536	0524	0605	0626	0614	0569	0649	0588	0620	0684	0640	0668	0670	0695	0690	0662	0726	0728	0721	0687	0765	0765	0764	0698	0764	0748
ANIMAL ID	0047	0011	0012	0013	0015	0018	0018	0022	0024	0025	0026	0028	0028	0029	0033	0034	0036	0038	0041	0041	0041	0042	0044	0048	0048	0052	0053	0059	0062	0064	0067
Sarcoma																		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																															
Vertebra, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic																															
Diaphragm, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																															
Sarcoma, Metastatic, Skin		X																													
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:34
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
2.5%ETH/90PPMURE

DAY ON TEST	0120	0395	0488	0453	0552	0536	0524	0605	0626	0614	0569	0649	0588	0620	0684	0640	0668	0670	0695	0690	0662	0726	0728	0721	0687	0765	0765	0764	0698	0764	0748
ANIMAL ID	0047	0011	0012	0013	0015	0018	0018	0022	0024	0025	0026	0028	0028	0029	0033	0034	0036	0038	0041	0041	0041	0042	0044	0048	0048	0052	0053	0059	0062	0064	0067
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma			X						X							X	X		X	X	X	X			X	X					
Alveolar/Bronchiolar Adenoma, Multiple		X		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	
Alveolar/Bronchiolar Carcinoma, Multiple																										X			X		
Carcinoma, Metastatic, Harderian Gland																						X									
Hepatocellular Carcinoma, Metastatic, Liver																												X			
Sarcoma, Metastatic, Skin		X																							X						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma		X					X	X					X	X			X		X		X		X			X			X		
Bilateral, Adenoma												X						X		X								X		X	X
Bilateral, Carcinoma					X																	X			X						
Carcinoma		X	X			X	X		X		X					X					X		X								
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	0488	0453	0552	0536	0524	0605	0626	0614	0569	0649	0588	0620	0684	0640	0668	0670	0695	0690	0662	0726	0728	0721	0687	0765	0765	0764	0698	0764	0748
ANIMAL ID	0047	0011	0012	0013	0015	0018	0018	0022	0024	0025	0026	0028	0028	0029	0033	0034	0036	0038	0041	0041	0041	0042	0044	0048	0048	0052	0053	0059	0062	0064	0067
Renal Tubule, Adenoma, Multiple																								X							
Sarcoma, Metastatic, Skin																															
Urinary Bladder	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma						X						X			X				X							X		X			
Lymphoma Malignant									X				X																		

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE

DAY ON TEST	764	764	764	744	764	734	764	764	764	764	755	735	764	764	751	764	764	
ANIMAL ID	0070 8	0070 9	0071 0	0071 5	0075 3	0081 3	0082 1	0089 1	0095 2	0095 3	0100 0	0100 1	0100 8	0111 2	0113 0	0117 1	0117 2	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	+	+	A	+	+	+	+	+	+	+	+	+	+	M	+	+	39
Sarcoma, Metastatic, Skin												X						1
Intestine Large, Cecum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Intestine Small									+									1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Polyp Adenomatous																		1
Intestine Small, Ileum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung											X							1
Hemangiosarcoma	X		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									4
Sarcoma, Metastatic, Skin												X						3
Mesentery	+																	3
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	764	764	764	744	764	734	764	764	764	764	755	735	764	764	751	764	764	
ANIMAL ID	0070 8	0070 9	0071 0	0071 5	0075 3	0081 3	0082 1	0089 1	0095 2	0095 3	0100 0	0100 1	0100 8	0111 2	0113 0	0117 1	0117 2	*TOTALS
Sarcoma, Metastatic, Skin												X						1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Stomach																		1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin												X						1
Squamous Cell Carcinoma		X											X					2
Squamous Cell Papilloma													X					2
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma							X											1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X												1
Hemangiosarcoma																		4
Sarcoma, Metastatic, Skin												X						1
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin												X						1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Bilateral, Pheochromocytoma Benign		X																1

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	764	764	764	744	764	734	764	764	764	764	755	735	764	764	751	764	764	
ANIMAL ID	0070 8	0070 9	0071 0	0071 5	0075 3	0081 3	0082 1	0089 1	0095 2	0095 3	0100 0	0100 1	0100 8	0111 2	0113 0	0117 1	0117 2	*TOTALS
Pheochromocytoma Benign										X								3
Sarcoma, Metastatic, Skin												X						1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma													X					2
Parathyroid Gland	+	+	+	M	+	+	+	+	+	+	+	M	+	+	M	+	+	38
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Follicular Cel, Adenoma																X		2
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma																		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	764	764	764	744	764	734	764	764	764	764	755	735	764	764	751	764	764	
ANIMAL ID	0070 8	0070 9	0071 0	0071 5	0075 3	0081 3	0082 1	0089 1	0095 2	0095 3	0100 0	0100 1	0100 8	0111 2	0113 0	0117 1	0117 2	*TOTALS
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node	+			+										+				10
Axillary, Sarcoma, Metastatic, Skin				X														1
Inguinal, Hemangiosarcoma																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Carcinoma, Metastatic, Harderian Gland																		1
Hemangiosarcoma																		1
Lymph Node, Mesenteric	+	+	+	A	+	+	+	+	M	+	+	+	+	+	+	+	+	44
Carcinoma, Metastatic, Harderian Gland																		1
Hemangiosarcoma															X		X	3
Sarcoma, Metastatic, Skin												X						1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma						X								X				3
Thymus	+	M	M	M	+	M	M	+	+	M	+	+	+	+	+	+	+	32
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung											X				X			2
Sarcoma, Metastatic, Skin												X						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																		1

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B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	764	764	764	744	764	734	764	764	764	764	755	735	764	764	751	764	764	
ANIMAL ID	0070 8	0070 9	0071 0	0071 5	0075 3	0081 3	0082 1	0089 1	0095 2	0095 3	0100 0	0100 1	0100 8	0111 2	0113 0	0117 1	0117 2	*TOTALS
Sarcoma				X					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						X												1
Vertebra, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung															X			1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic						X												1
Diaphragm, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung						X												1
Sarcoma, Metastatic, Skin																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Respiratory System																		
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:35
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male 2.5%ETH/90PPMURE																		
DAY ON TEST	764	764	764	744	764	734	764	764	764	764	755	735	764	764	751	764	764	
ANIMAL ID	0070 8	0070 9	0071 0	0071 5	0075 3	0081 3	0082 1	0089 1	0095 2	0095 3	0100 0	0100 1	0100 8	0111 2	0113 0	0117 1	0117 2	*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma													X					11
Alveolar/Bronchiolar Adenoma, Multiple	X		X	X	X		X	X		X	X	X		X		X	X	24
Alveolar/Bronchiolar Carcinoma	X					X	X	X	X		X	X		X	X			20
Alveolar/Bronchiolar Carcinoma, Multiple			X													X		4
Carcinoma, Metastatic, Harderian Gland																		1
Hepatocellular Carcinoma, Metastatic, Liver		X							X									3
Sarcoma, Metastatic, Skin												X						3
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma	X	X			X		X	X				X			X		X	19
Bilateral, Adenoma											X			X				8
Bilateral, Carcinoma																		3
Carcinoma				X					X	X					X			13
Lacrimal Gland	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	46
Zymbal's Gland	+	+	+	M	+	+	+	+	+	M	+	+	+	+	M	+	+	43
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hemangiosarcoma																		2

* ..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 2.5%ETH/90PPMURE																		
DAY ON TEST	764	764	764	744	764	734	764	764	764	764	755	735	764	764	751	764	764	
ANIMAL ID	0070 8	0070 9	0071 0	0071 5	0075 3	0081 3	0082 1	0089 1	0095 2	0095 3	0100 0	0100 1	0100 8	0111 2	0113 0	0117 1	0117 2	*TOTALS
Renal Tubule, Adenoma, Multiple																		1
Sarcoma, Metastatic, Skin												X						1
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma							X											7
Lymphoma Malignant	X	X							X					X		X		7

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:35
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	0447	0464	0542	0612	0607	0664	0710	0753	0765	0765	0764	0764	0764	0764	0764	0764	0764	0724	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0014	0048	0019	0017	0024	0042	0047	0047	0052	0052	0058	0058	0058	0058	0063	0063	0063	0068	0070	0070	0070	0070	0076	0076	0076	0076	0076	0082	0082	0082	0090
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	+	+	A	+	+	+	+	M	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	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	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma		X														X															
Hepatocellular Adenoma					X		X	X	X					X			X					X		X				X		X	X
Hepatocellular Adenoma, Multiple										X																	X				
Hepatocellular Carcinoma	X							X								X		X													
Sarcoma, Metastatic, Skin																															
Mesentery																	+			+			+								
Hemangiosarcoma																															
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..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	447	464	542	612	607	664	710	753	765	765	764	764	764	764	764	764	764	724	764	764	764	764	764	764	764	764	764	764	764	764	764
B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE ANIMAL ID	0014	0014	0019	0021	0024	0042	0047	0047	0052	0052	0058	0058	0058	0058	0063	0063	0063	0068	0070	0070	0070	0070	0076	0076	0076	0076	0082	0082	0082	0089	0090
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																X												X			
Subcapsular, Adenoma																					X										
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																					X										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	M	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	M	+	+	M	+	+	+	+	+	+	M	M	+	+
Pituitary Gland	M	+	+	M	+	+	M	+	+	+	M	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma						X																									
General Body System																															

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B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE																														
DAY ON TEST	0447	0464	0542	0612	0607	0664	0710	0753	0765	0765	0764	0764	0764	0764	0764	0764	0764	0724	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0014	0048	0019	0027	0045	0046	0072	0077	0054	0055	0058	0085	0086	0087	0036	0037	0038	0082	0003	0004	0005	0067	0068	0069	0070	0027	0028	0029	0098	0099	0090
NONE																														
Genital System																														
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+
Prostate	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																														
Hematopoietic System																														
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node			+			+					+																		+	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin					X																									
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma																					X									

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DAY ON TEST	0447	0464	0542	0612	0607	0664	0710	0753	0765	0765	0764	0764	0764	0764	0764	0764	0764	0724	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764	0764
ANIMAL ID	0014	0048	0019	0027	0045	0046	0072	0077	0054	0055	0084	0085	0086	0087	0036	0037	0038	0082	0703	0704	0705	0767	0768	0769	0770	0827	0828	0829	0898	0899	0900
Sarcoma					X		X	X																			X				X
Sarcoma, Multiple																												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			X																					
Alveolar/Bronchiolar Adenoma, Multiple																															X
Alveolar/Bronchiolar Carcinoma									X							X										X	X				
Sarcoma, Metastatic, Skin					X																										
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Special Senses System																															

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:36
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	047	044	054	061	060	066	071	075	076	076	076	076	076	076	076	076	076	072	076	076	076	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0014	0048	0019	0017	0024	0046	0047	0047	0054	0055	0058	0058	0058	0058	0063	0063	0063	0068	0070	0070	0070	0076	0076	0076	0076	0076	0082	0082	0082	0089	0090
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
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B6C3F1/NCTR Mouse Male
5.0%ETH/0PPM URE

DAY ON TEST	752	764	764	764	764	747	764	764	764	764	764	748	764	764	764	764	764	
ANIMAL ID	0094 0	0096 2	0096 3	0096 4	0096 5	0099 9	0103 1	0103 2	0107 3	0107 4	0107 5	0111 0	0111 2	0111 2	0111 9	0111 4	0111 5	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	42
Intestine Large, Cecum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	A	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	42
Intestine Small, Jejunum	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma																		2
Hepatocellular Adenoma					X			X	X	X				X		X		17
Hepatocellular Adenoma, Multiple																		2
Hepatocellular Carcinoma			X			X									X			7
Sarcoma, Metastatic, Skin	X																	1
Mesentery				+														4
Hemangiosarcoma				X														1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE																		
DAY ON TEST	752	764	764	764	764	747	764	764	764	764	764	748	764	764	764	764	764	
ANIMAL ID	0094 0	0096 2	0096 3	0096 4	0096 5	0099 9	0103 1	0103 2	0107 3	0107 4	0107 5	0111 0	0111 2	0111 2 8	0111 9 3	0111 9 4	0111 9 5	*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	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma																		2
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Pheochromocytoma Benign														X				2
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	M	38
Pituitary Gland	M	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	39
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Follicular Cel, Adenoma																		1
General Body System																		

* ..Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1/NCTR Mouse Male 5.0%ETH/0PPM URE																		
DAY ON TEST	752	764	764	764	764	747	764	764	764	764	764	748	764	764	764	764	764	
ANIMAL ID	0094 0	0096 2	0096 3	0096 4	0096 5	0099 9	0103 1	0103 2	0107 3	0107 4	0107 5	0111 0	0111 7	0112 8	0119 3	0119 4	0119 5	*TOTALS
NONE																		
Genital System																		
Coagulating Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Seminal Vesicle	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma			X															1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node			+															5
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin						X												2
Lymph Node, Mesenteric	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	46
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Thymus	+	+	+	+	+	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												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 Male 5.0%ETH/0PPM URE																		
DAY ON TEST	752	764	764	764	764	747	764	764	764	764	764	748	764	764	764	764	764	
ANIMAL ID	0094 0	0096 2	0096 3	0096 4	0096 5	0099 9	0103 1	0103 2	0107 3	0107 4	0107 5	0111 0	0111 2	0112 8	0119 3	0119 4	0119 5	*TOTALS
Sarcoma				X		X						X		X			X	10
Sarcoma, Multiple	X																	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	5
Alveolar/Bronchiolar Adenoma, Multiple																		1
Alveolar/Bronchiolar Carcinoma		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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:37
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	752	764	764	764	764	747	764	764	764	764	764	748	764	764	764	764	764	
ANIMAL ID	0094 0	0096 2	0096 3	0096 4	0096 5	0099 9	0103 1	0103 2	0107 3	0107 4	0107 5	0111 0	0111 2	0111 2	0111 8	0111 9	0111 4	0111 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
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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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:37
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/10PPMURE

DAY ON TEST	013	029	029	038	042	052	051	054	062	059	066	063	070	068	074	076	076	076	076	076	076	076	076	076	074	076	076	076	076	073
ANIMAL ID	0003	0007	0009	0010	0011	0015	0017	0002	0022	0022	0043	0043	0044	0046	0049	0051	0051	0051	0057	0057	0057	0057	0062	0063	0069	0069	0077	0077	0077	0080
Alimentary System																														
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Gallbladder	+	A	A	A	A	+	A	+	+	+	A	M	+	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		
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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\+ ..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	296	299	384	421	529	517	542	620	592	662	663	701	680	747	765	765	765	764	764	764	764	764	764	747	764	764	764	764	739
ANIMAL ID	0003	0075	0094	0105	0115	0150	0175	0205	0226	0227	0430	0433	0447	0462	0499	0513	0514	0515	0572	0573	0574	0575	0629	0630	0695	0697	0772	0773	0774	0808
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												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	+	+	+	+	+	+	+	M	A	M	M	M	+	M	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
General Body System																														
NONE																														
Genital System																														
Coagulating Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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M ..Missing tissue
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BLANK ..Not examined microscopically

DAY ON TEST	013	029	029	038	042	052	051	054	062	059	066	063	070	068	074	076	076	076	076	076	076	076	076	076	074	076	076	076	076	076	073
B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																															
ANIMAL ID	0003	0075	0094	0105	0115	0150	0175	0205	0226	0227	0430	0433	0447	0462	0499	0513	0514	0515	0572	0573	0574	0575	0629	0630	0695	0697	0772	0773	0774	0775	0808
Coagulating Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstit Cell, Adenoma																															
Hematopoietic System																															
Bone Marrow	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Lymph Node			+										+																	+	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															X
Lymph Node, Mesenteric	+	M	+	+	+	+	A	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Spleen	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Thymus	+	+	+	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	M
Skin	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibroma																						X									
Sarcoma							X							X	X									X	X					X	X

* ..Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																															
DAY ON TEST	013	296	299	384	421	529	517	542	620	592	662	663	701	680	747	765	765	765	764	764	764	764	764	764	747	764	764	764	764	764	739
ANIMAL ID	0039	0075	0094	0105	0115	0150	0175	0205	0226	0227	0430	0433	0447	0462	0499	0513	0514	0515	0572	0573	0574	0575	0629	0630	0695	0697	0772	0773	0774	0775	0808
Sarcoma, Multiple								X																							
Squamous Cell Papilloma											X																				
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma																															
Sarcoma, Metastatic, Skin																									X						
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spinal Cord, Thoracic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																															
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																X											X				
Alveolar/Bronchiolar Adenoma, Multiple																															
Alveolar/Bronchiolar Carcinoma																								X			X			X	
Hepatocellular Carcinoma, Metastatic, Liver								X		X																					
Sarcoma, Metastatic, Skin							X	X																	X						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..Total animals with tissue examined microscopically; Total animals with tumor
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B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																															
DAY ON TEST	013	296	299	384	421	529	517	542	620	592	662	663	701	680	747	765	765	765	764	764	764	764	764	764	747	764	764	764	764	764	739
ANIMAL ID	0003 9	0007 5	0009 4	0010 5	0011 5	0015 0	0017 5	0020 5	0022 6	0022 7	0043 0	0043 3	0044 7	0046 2	0049 9	0051 3	0051 4	0051 5	0057 2	0057 3	0057 4	0057 5	0062 9	0063 0	0069 5	0069 7	0077 2	0077 3	0077 4	0077 5	0080 8
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma							X	X									X				X	X				X		X	X		
Carcinoma																															
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												X	

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:38
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																		
DAY ON TEST	071	764	764	764	764	764	764	764	764	764	764	764	764	748	764	764	764	
ANIMAL ID	0080	0083	0090	0090	0090	0090	0096	0102	0102	0102	0106	0106	0106	0110	0112	0112	0118	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	46
Gallbladder	+	+	+	+	+	+	+	+	+	M	+	+	+	A	+	+	+	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	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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M ..Missing tissue
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B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																		
DAY ON TEST	071	764	764	764	764	764	764	764	764	764	764	764	764	748	764	764	764	
ANIMAL ID	0081 0	0083 3	0090 4	0090 5	0090 6	0090 7	0096 9	0102 4	0102 5	0102 6	0106 7	0106 8	0106 9	0110 9	0112 2	0112 3	0118 9	*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								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	+	+	+	+	+	+	+	+	+	39
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	47
General Body System																		
NONE																		
Genital System																		
Coagulating Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																		
DAY ON TEST	071	764	764	764	764	764	764	764	764	764	764	764	764	748	764	764	764	
ANIMAL ID	0081 0	0083 3	0090 4	0090 5	0090 6	0090 7	0096 9	0102 4	0102 5	0102 6	0106 7	0106 8	0106 9	0110 9	0112 2	0112 3	0118 9	*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		X																1
Lymph Node	+												+					5
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma, Metastatic, Skin																		1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma		X																1
Thymus	+	+	+	+	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														X				8

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B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																		
DAY ON TEST	071	764	764	764	764	764	764	764	764	764	764	764	764	748	764	764	764	
ANIMAL ID	0080	0083	0090	0095	0096	0097	0099	0102	0102	0102	0106	0106	0106	0110	0112	0112	0118	*TOTALS
Sarcoma, Multiple	X																	2
Squamous Cell Papilloma							X											2
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma														X				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					7
Alveolar/Bronchiolar Adenoma, Multiple											X							1
Alveolar/Bronchiolar Carcinoma								X										4
Hepatocellular Carcinoma, Metastatic, Liver																		2
Sarcoma, Metastatic, Skin														X				4
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Male 5.0%ETH/10PPMURE																		
DAY ON TEST	071	764	764	764	764	764	764	764	764	764	764	764	764	748	764	764	764	
ANIMAL ID	0080	0083	0090	0095	0096	0097	0099	0102	0102	0102	0106	0106	0106	0110	0112	0112	0118	*TOTALS
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma			X	X								X				X		12
Carcinoma											X			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		10

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B6C3F1/NCTR Mouse Male
5.0%ETH/30PPMURE

DAY ON TEST	021	017	036	044	041	049	053	057	050	061	067	067	062	071	064	066	071	067	065	071	073	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0064	0065	0085	0017	0021	0043	0066	0067	0069	0015	0021	0022	0050	0092	0001	0041	0034	0041	0046	0071	0001	0021	0022	0023	0067	0082	0083	0035	0062	0063	0064
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	M	+	+	+	A	M	A	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	+	+	+	+	+	+
Intestine Small, Jejunum	A	+	+	A	+	A	A	A	A	+	+	+	A	+	+	+	A	A	+	+	+	+	+	A	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																															
Hemangiosarcoma																X													X		
Hepatocellular Adenoma															X						X	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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DAY ON TEST	021	017	036	044	041	049	053	057	050	061	067	067	062	071	064	066	071	067	065	071	073	076	076	076	076	076	076	076	076	076
B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE	0	7	8	3	7	8	9	0	7	4	1	1	5	2	5	0	2	8	2	0	3	5	2	5	5	3	4	4	4	4
ANIMAL ID	0064	0065	0085	0117	0121	0143	0166	0167	0169	0315	0321	0322	0350	0392	0401	0411	0434	0441	0446	0471	0501	0521	0522	0523	0567	0582	0583	0635	0762	0763	0764
Hemangiosarcoma																														
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																														
Adrenal Gland, Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign									X											X										
Islets, Pancreatic	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																						X								
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	M	+	+	+	+	+	M
Pituitary Gland	+	+	M	M	+	M	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE	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
ANIMAL ID	064	065	085	117	121	143	166	167	169	315	321	322	350	392	401	411	434	441	446	471	501	521	522	523	567	582	583	635	762	763	764
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	+	M	A	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin						X																									
Thymus	+	M	+	+	+	A	M	+	+	+	+	+	M	M	+	+	M	M	+	M	+	+	+	M	M	+	+	+	+	M	+

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE	0	7	8	3	7	8	9	0	7	4	1	1	5	2	5	0	2	8	2	0	3	5	5	5	3	4	4	4	4	4	4
ANIMAL ID	064	065	085	117	121	143	166	167	169	315	321	322	350	392	401	411	434	441	446	471	501	521	522	523	567	582	583	635	762	763	764
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					
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:40
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/30PPMURE

DAY ON TEST	021	017	036	044	041	049	053	057	050	061	067	067	062	071	064	066	071	067	065	071	073	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0064	0065	0085	0117	0121	0143	0166	0167	0169	0315	0321	0322	0350	0392	0401	0411	0434	0441	0446	0471	0501	0521	0522	0523	0567	0582	0583	0635	0762	0763	0764
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma									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																X								
Lacrimal Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin						X						X																			
Urethra	+				+				+																						
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:41
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/30PPMURE

DAY ON TEST	021	017	036	044	041	049	053	057	050	061	067	067	062	071	064	066	071	067	065	071	073	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0064	0065	0085	0117	0121	0143	0166	0167	0169	0315	0321	0322	0350	0392	0401	0411	0434	0441	0446	0471	0501	0521	0522	0523	0567	0582	0583	0635	0762	0763	0764
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma													X					X							X	X					
Lymphoma Malignant																							X	X			X				

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	763	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0082 5	0082 6	0087 9	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0111 7 9	0111 8 0	0111 8 1	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	+	A	+	+	+	A	M	+	+	+	+	M	+	+	+	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	+	+	+	A	+	+	+	+	+	+	+	+	+	+	36
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	38
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma									X						X			2
Hemangiosarcoma				X		X												4
Hepatocellular Adenoma		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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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	763	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0082 5	0082 6	0087 9	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0111 7 9	0111 8 0	0111 8 1	*TOTALS
Hemangiosarcoma	X																	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			X															1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	46
Pheochromocytoma Benign		X																3
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Carcinoma																		1
Parathyroid Gland	+	+	+	+	+	+	+	M	M	+	+	+	M	+	+	+	+	41
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	763	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0082 5	0082 6	0087 9	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	*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	+	M	32

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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	763	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0082 5	0082 6	0087 9	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0111 7 9	0111 8 0	0111 8 1	*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	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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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	763	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0082 5	0082 6	0087 9	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	*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma			X			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																		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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B6C3F1/NCTR Mouse Male 5.0%ETH/30PPMURE																		
DAY ON TEST	764	764	763	764	764	764	764	764	764	764	764	764	764	764	764	764	764	
ANIMAL ID	0082 5	0082 6	0087 9	0089 5	0089 6	0089 7	0095 9	0096 0	0096 1	0101 7	0101 8	0106 3	0106 4	0111 5	0111 7 9	0111 8 0	0111 8 1	*TOTALS
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		4
Lymphoma Malignant		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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:41
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Male
5.0%ETH/90PPMURE

DAY ON TEST	138	296	355	444	507	467	553	478	507	570	593	643	618	620	580	577	623	673	690	670	702	747	710	697	753	691	684	748	765	765	710
ANIMAL ID	0040	0082	0102	0120	0127	0128	0161	0162	0170	0204	0249	0257	0264	0275	0287	0293	0299	0324	0345	0383	0428	0455	0486	0491	0493	0502	0503	0505	0535	0622	0623
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	A	A	+	+	A	+	A	+	+	+	+	A	A	M	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		X				
Hepatocellular Adenoma, Multiple																														X	
Hepatocellular Carcinoma							X			X		X	X				X			X					X						
Pancreas	+	+	+	A	+	+	+	+	A	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	013	029	035	044	050	046	055	047	050	057	059	064	061	062	058	057	062	067	069	067	070	074	071	069	075	069	068	074	076	076	071
B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE ANIMAL ID	0040	0082	0102	0120	0127	0128	0161	0162	0170	0204	0249	0257	0264	0275	0287	0293	0299	0324	0345	0383	0428	0455	0486	0491	0493	0502	0503	0505	0535	0622	0623
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					X						
Sarcoma, Metastatic, Thymus																															
Endocrine System																															
Adrenal Gland										+																					
Rhabdomyosarcoma, Metastatic, Skeletal Muscle										X																					
Adrenal Gland, Cortex	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Adrenal Gland, Medulla	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+

* ..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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DAY ON TEST	138	296	355	444	507	467	553	478	507	570	593	643	618	620	580	577	623	673	690	670	702	747	710	697	753	691	684	748	765	765	710
B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE ANIMAL ID	0040	0082	0102	0120	0127	0128	0161	0162	0170	0204	0249	0257	0264	0275	0287	0293	0299	0324	0345	0383	0428	0455	0486	0491	0493	0502	0503	0505	0535	0622	0623
Adrenal Gland, Medulla	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																									X						
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	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	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node		+	+								+	+	+			+			+		+	+	+						+		

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																														
DAY ON TEST	013 8	029 6	035 5	044 4	050 7	046 7	055 3	047 8	050 7	057 0	059 3	064 3	061 8	062 0	058 0	057 7	062 3	067 3	069 0	067 0	070 2	074 7	071 0	069 7	075 3	069 1	068 4	074 8	076 5	076 5	071 0
ANIMAL ID	0040	0082	0102	0120	0127	0128	0161	0162	0170	0204	0249	0257	0264	0275	0287	0293	0299	0324	0345	0383	0428	0455	0486	0491	0493	0502	0503	0505	0535	0622	0623
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																									X						
Thymus	+	+	+	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	A	M	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
Sarcoma, Multiple																															
Sebaceous Gl, Adenoma																					X										
Squamous Cell Carcinoma																									X						

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DAY ON TEST	013	029	035	044	050	046	055	047	050	057	059	064	061	062	058	057	062	067	069	067	070	074	071	069	075	069	068	074	076	076	071
B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																															
ANIMAL ID	0040	0082	0102	0120	0127	0128	0161	0162	0170	0204	0249	0257	0264	0275	0287	0293	0299	0324	0345	0383	0428	0455	0486	0491	0493	0502	0503	0505	0535	0622	0623
Squamous Cell Papilloma																							X								
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Sternum, Carcinoma, Metastatic, Harderian Gland																															
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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	X	X
Alveolar/Bronchiolar Adenoma, Multiple																	X	X	X		X	X				X		X			
Alveolar/Bronchiolar Carcinoma							X	X					X	X			X					X	X					X		X	
Alveolar/Bronchiolar Carcinoma, Multiple																															
Carcinoma, Metastatic, Harderian Gland																															
Hemangiosarcoma																									X						

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																															
DAY ON TEST	013 8	029 6	035 5	044 4	050 7	046 7	055 3	047 8	050 7	057 0	059 3	064 3	061 8	062 0	058 0	057 7	062 3	067 3	069 0	067 0	070 2	074 7	071 0	069 7	075 3	069 1	068 4	074 8	076 5	076 5	071 0
ANIMAL ID	0040	0082	0102	0120	0127	0128	0161	0162	0170	0204	0249	0257	0264	0275	0287	0293	0299	0324	0345	0383	0428	0455	0486	0491	0493	0502	0503	0505	0535	0622	0623
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma				X											X		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	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma																															
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																						X									
Hemangiosarcoma												X																			

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																															
DAY ON TEST	013 8	029 6	035 5	044 4	050 7	046 7	055 3	047 8	050 7	057 0	059 3	064 3	061 8	062 0	058 0	057 7	062 3	067 3	069 0	067 0	070 2	074 7	071 0	069 7	075 3	069 1	068 4	074 8	076 5	076 5	071 0
ANIMAL ID	0040	0082	0102	0120	0127	0128	0161	0162	0170	0204	0249	0257	0264	0275	0287	0293	0299	0324	0345	0383	0428	0455	0486	0491	0493	0502	0503	0505	0535	0622	0623
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	764	707	764	711	764	764	764	717	760	764	754	764	764	764	751	762	764	
ANIMAL ID	0064 4	0067 9	0071 4	0074 2	0074 7	0074 8	0081 6	0087 5	0087 6	0088 3	0099 8	0103 3	0107 6	0112 9	0115 1	0115 3	0119 6	*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					9
Hepatocellular Adenoma, Multiple						X						X						3
Hepatocellular Carcinoma														X	X			9
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	764	707	764	711	764	764	764	717	760	764	754	764	764	764	751	762	764	
ANIMAL ID	00644	00679	00714	00742	00747	00748	00816	00875	00876	00883	00998	01033	01076	01129	01151	01153	01196	*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					4
Sarcoma, Metastatic, Thymus															X			1
Endocrine System																		
Adrenal Gland																		1
Rhabdomyosarcoma, Metastatic, Skeletal Muscle																		1
Adrenal Gland, Cortex	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	45
Adrenal Gland, Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	45

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	764	707	764	711	764	764	764	717	760	764	754	764	764	764	751	762	764	
ANIMAL ID	00644	00679	00714	00742	00747	00748	00816	00875	00876	00883	00998	01033	01076	01129	01151	01153	01196	*TOTALS
Adrenal Gland, Medulla	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	45
Pheochromocytoma Benign	X																	2
Pheochromocytoma Malignant																		1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Parathyroid Gland	M	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	37
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	764	707	764	711	764	764	764	717	760	764	754	764	764	764	751	762	764	
ANIMAL ID	00644	00679	00714	00742	00747	00748	00816	00875	00876	00883	00998	01033	01076	01129	01151	01153	01196	*TOTALS
Renal, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	43
Hemangiosarcoma																		1
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Hemangiosarcoma																		1
Thymus	+	M	+	+	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							X	11
Sarcoma, Multiple													X					1
Sebaceous Gl, Adenoma																		1
Squamous Cell Carcinoma																		1

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B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	764	707	764	711	764	764	764	717	760	764	754	764	764	764	751	762	764	
ANIMAL ID	0064 4	0067 9	0071 4	0074 2	0074 7	0074 8	0081 6	0087 5	0087 6	0088 3	0098 8	0103 3	0107 6	0112 9	0115 1	0115 3	0119 6	*TOTALS
Squamous Cell Papilloma				X		X				X					X	X		6
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sternum, Carcinoma, Metastatic, Harderian Gland	X																	1
Skeletal Muscle	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	19
Alveolar/Bronchiolar Adenoma, Multiple			X	X	X			X		X	X	X						14
Alveolar/Bronchiolar Carcinoma		X	X				X	X	X		X							15
Alveolar/Bronchiolar Carcinoma, Multiple						X								X				2
Carcinoma, Metastatic, Harderian Gland	X																	1
Hemangiosarcoma																		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 5.0%ETH/90PPMURE																		
DAY ON TEST	764	707	764	711	764	764	764	717	760	764	754	764	764	764	751	762	764	
ANIMAL ID	0064 4	0067 9	0071 4	0074 2	0074 7	0074 8	0081 6	0087 5	0087 6	0088 3	0099 8	0103 3	0107 6	0112 9	0115 1	0115 3	0119 6	*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	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoma				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	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Carcinoma																X		1
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma							X				X							3

* ..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

B6C3F1/NCTR Mouse Male 5.0%ETH/90PPMURE																		
DAY ON TEST	764	707	764	711	764	764	764	717	760	764	754	764	764	764	751	762	764	
ANIMAL ID	00644	00679	00714	00742	00747	00748	00816	00875	00876	00883	00998	01033	01076	01129	01151	01153	01196	*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
\+ ..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:44
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	541	616	639	636	642	747	766	766	766	765	765	765	765	765	765	724	725	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0020 3	0020 20	0027 3	0030 9	0042 5	0050 0	0055 8	0055 9	0056 0	0061 1	0061 2	0061 3	0061 4	0066 1	0066 2	0068 3	0068 5	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
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
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BLANK ..Not examined microscopically

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

DAY ON TEST	541	616	639	636	642	747	766	766	766	765	765	765	765	765	765	724	725	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0020 3	0020 20	0027 3	0030 9	0042 5	0050 0	0055 8	0055 9	0056 0	0061 1	0061 2	0061 3	0061 4	0066 1	0066 2	0068 3	0068 5	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
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Adenoma					X																										
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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										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																															
DAY ON TEST	541	616	639	636	642	747	766	766	766	765	765	765	765	765	765	724	725	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0020 3	0020 0	0027 3	0030 9	0042 5	0050 0	0055 8	0055 9	0056 0	0061 1	0061 2	0061 3	0061 4	0066 1	0066 2	0068 3	0068 5	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
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

DAY ON TEST	541	616	639	636	642	747	766	766	766	765	765	765	765	765	765	724	725	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0020 3	0020 20	0027 3	0030 9	0042 5	0050 0	0055 8	0055 9	0056 0	0061 1	0061 2	0061 3	0061 4	0066 1	0066 2	0068 3	0068 5	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
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																													

* ..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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:45
First Dose M/F: NA / NA
Lab: NCTR

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

DAY ON TEST	541	616	639	636	642	747	766	766	766	765	765	765	765	765	765	724	725	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0020 3	0022 0	0027 3	0030 9	0042 5	0050 0	0055 8	0055 9	0056 0	0061 1	0061 2	0061 3	0061 4	0066 1	0066 2	0068 3	0068 5	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
Histiocytic Sarcoma		X																													
Lymphoma Malignant				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
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BLANK ..Not examined microscopically

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

DAY ON TEST	765	765	765	765	765	765	761	761	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0093 3	0098 6	0098 7	0098 8	0104 4	0104 5	0105 3	0105 4	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	*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

* ..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	761	761	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0093 3	0098 6	0098 7	0098 8	0104 4	0104 5	0105 3	0105 4	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	*TOTALS
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	47
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma																		1
Parathyroid Gland	+	+	+	+	M	+	M	+	M	M	+	+	+	+	+	M	+	32
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	42
Pars Distalis, Adenoma				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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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female
0% ETH/ 0PPM URE

DAY ON TEST	765	765	765	765	765	765	761	761	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0093 3	0098 6	0098 7	0098 8	0104 4	0104 5	0105 3	0105 4	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	*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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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female
0% ETH/ 0PPM URE

DAY ON TEST	765	765	765	765	765	765	761	761	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0093 3	0098 6	0098 7	0098 8	0104 4	0104 5	0105 3	0105 4	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	*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

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+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female 0% ETH/ 0PPM URE																		
DAY ON TEST	765	765	765	765	765	765	761	761	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0093 3	0098 6	0098 7	0098 8	0104 4	0104 5	0105 3	0105 4	0109 0	0109 1	0109 2	0110 3	0110 4	0110 5	0121 0	0121 1	0121 2	*TOTALS
Histiocytic Sarcoma																		1
Lymphoma Malignant		X		X	X		X	X		X				X	X			16

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:46
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	489	594	510	672	643	648	684	728	741	739	766	766	765	765	765	765	765	742	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0020 0	0021 0	0029 8	0030 4	0035 8	0039 8	0044 4	0045 6	0047 8	0055 4	0055 5	0061 8	0061 9	0062 0	0066 6	0066 7	0067 6	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
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								X											
Hepatocellular Carcinoma									X																						
Mesentery																										+			+		
Pancreas	+	M	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Carcinoma															X																
Squamous Cell Papilloma																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
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B6C3F1/NCTR Mouse Female 0% ETH/ 10PPMURE																														
DAY ON TEST	489	594	510	672	643	648	684	728	741	739	766	766	765	765	765	765	765	742	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0020 0	0021 0	0029 8	0030 4	0035 8	0039 8	0044 4	0044 56	0047 8	0055 4	0055 5	0061 8	0061 9	0062 0	0066 6	0066 7	0067 6	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
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	+	M	A	A	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	M	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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B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	489	594	510	672	643	648	684	728	741	739	766	766	765	765	765	765	765	742	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0020 0	0021 0	0029 8	0030 4	0035 8	0039 8	0044 4	0045 6	0047 8	0055 4	0055 5	0061 8	0061 9	0062 0	0066 6	0066 7	0067 6	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
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	+	+	+	+	+	+	M	+	+	+	+	A	+	+	+	+	M	+	+	M	+	+	+	M	+
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma							X																								
Adenocarcinoma																				X											
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fibrous Histiocytoma																															
Papilloma																															
Sarcoma								X										X												X	

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

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A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:47
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	489	594	510	672	643	648	684	728	741	739	766	766	765	765	765	765	765	742	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0020 0	0021 0	0029 8	0030 4	0035 8	0039 8	0044 4	0045 6	0047 8	0055 4	0055 5	0061 8	0061 9	0062 0	0066 6	0066 7	0067 6	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
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				X
Alveolar/Bronchiolar Carcinoma									X									X									X				
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Female
0% ETH/ 10PPMURE

DAY ON TEST	489	594	510	672	643	648	684	728	741	739	766	766	765	765	765	765	765	742	765	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0014 7	0020 0	0021 0	0029 8	0030 4	0035 8	0039 8	0044 4	0045 6	0047 8	0055 4	0055 5	0061 8	0061 9	0062 0	0066 6	0066 7	0067 6	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
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	+	+	+	+	+	+	+	+	+	+	+	+	+
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 Female
0% ETH/ 10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0075	0076	0049	0050	0051	0052	0098	0099	0100	0101	0146	0147	0148	0149	0218	0219	0220	*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																		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
0% ETH/ 10PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0097 5	0097 6	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	*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	+	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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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	765	765	
ANIMAL ID	0075	0076	0049	0050	0051	0052	0098	0099	0100	0101	0146	0147	0148	0149	0218	0219	0220	*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	765	765	
ANIMAL ID	0097 5	0097 6	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	*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													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	765	765	
ANIMAL ID	0075	0076	0049	0050	0051	0052	0098	0099	0100	0101	0146	0147	0148	0149	0218	0219	0220	*TOTALS
Adenoma			X							X					X		X	10
Carcinoma																		1
Lacrimal Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	47
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Urinary Bladder	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		2
Lymphoma Malignant								X										6

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:48
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 30PPMURE

DAY ON TEST	424	438	522	521	522	554	549	616	675	696	649	635	669	725	712	678	719	766	766	766	710	763	701	765	746	765	765	765	765	765	765
ANIMAL ID	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	028	029	030	031
Alimentary System																															
Esophagus	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus												X																			
Intestine Large, Cecum	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Uterus					X																										
Intestine Large, Rectum	+	+	+	M	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus												X																			
Sarcoma, Metastatic, Uterus					X																										
Intestine Small, Duodenum	+	+	+	+	M	A	M	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus												X																			
Liver	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma																															
Hepatocellular Adenoma										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	522	521	522	554	549	616	675	696	649	635	669	725	712	678	719	766	766	766	710	763	701	765	746	765	765	765	765	765	765
ANIMAL ID	0010 1	0011 2	0015 8	0018 2	0018 4	0020 2	0022 3	0027 1	0030 2	0035 3	0038 0	0040 6	0041 7	0043 2	0043 5	0047 9	0049 6	0054 6	0054 7	0054 8	0055 6 1	0055 6 8	0055 7 1	0060 6	0062 5	0065 3	0065 4	0072 1	0072 2	0079 0	0079 1
Leiomyosarcoma, Metastatic, Uterus												X																			
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant		X																													
Squamous Cell Papilloma															X											X					
Stomach, Glandular	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyosarcoma, Metastatic, Uterus												X																			
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																	X														
Hemangiosarcoma																				X											
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Adenoma																														X	
Adrenal Gland, Medulla	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M
Islets, Pancreatic	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	M	+	+	+	M	+	M	M	M	M	+	M	M	M	M
Pituitary Gland	+	+	+	+	+	M	M	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+
Pars Distalis, Adenoma											X								X								X				
Thyroid Gland	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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B6C3F1/NCTR Mouse Female 0% ETH/ 30PPMURE																															
DAY ON TEST	0424	0438	0522	0521	0522	0554	0549	0616	0675	0696	0649	0635	0669	0725	0712	0678	0719	0766	0766	0766	0710	0763	0701	0765	0746	0765	0765	0765	0765	0765	0765
ANIMAL ID	0010 1	0012	0015 8	0018 2	0018 4	0020 2	0022 3	0027 1	0030 2	0035 3	0038 0	0040 6	0041 7	0043 2	0043 5	0044 9	0049 6	0054 6	0054 7	0054 8	0056 1	0056 8	0057 1	0060 6	0062 5	0065 3	0065 4	0071 2	0072 2	0079 0	0079 1
Follicular Cel, Adenoma																	X														
General Body System																															
Tissue NOS				+																											
Abdominal, Sarcoma				X																											
Genital System																															
Clitoral Gland	+	M	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma, Tubular																		X													
Cystadenoma																															
Granulosa Cell Tumor Benign																		X													
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																			X												
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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B6C3F1/NCTR Mouse Female
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DAY ON TEST	424	438	522	521	522	554	549	616	675	696	649	635	669	725	712	678	719	766	766	766	710	763	701	765	746	765	765	765	765	765	765
ANIMAL ID	0010 1	0012	0015 8	0018 2	0018 4	0020 2	0022 3	0027 1	0030 2	0035 3	0038 0	0040 6	0041 7	0043 2	0043 5	0047 9	0049 6	0054 6	0054 7	0054 8	0056 1	0056 8	0057 1	0060 6	0062 5	0065 3	0065 4	0072 1	0072 2	0079 0	0079 1
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																			X												
Leiomyosarcoma, Metastatic, Uterus												X																			
Thymus	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							X											
Basosquamous Tumor Malignant			X																												
Skin	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Carcinoma																	X														
Basosquamous Tumor Malignant																									X						
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

* ..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	424	438	522	521	522	554	549	616	675	696	649	635	669	725	712	678	719	766	766	766	710	763	701	765	746	765	765	765	765	765	765
B6C3F1/NCTR Mouse Female 0% ETH/ 30PPMURE																															
ANIMAL ID	0010 1	0012	0015 8	0018 2	0018 4	0020 2	0022 3	0027 1	0030 2	0035 3	0038 0	0040 6	0041 7	0043 2	0043 5	0047 9	0049 6	0054 6	0054 7	0054 8	0056 1	0056 8	0057 1	0060 6	0062 5	0065 3	0065 4	0072 1	0072 2	0079 0	0079 1
Hemangiosarcoma																															
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						X				
Alveolar/Bronchiolar Carcinoma												X	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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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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:49
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
0% ETH/ 30PPMURE

DAY ON TEST	424	438	522	521	522	554	549	616	675	696	649	635	669	725	712	678	719	766	766	766	710	763	701	765	746	765	765	765	765	765	765
ANIMAL ID	001	001	001	001	001	002	002	002	003	003	003	004	004	004	004	004	004	005	005	005	005	005	005	006	006	006	006	007	007	007	007
	01	12	58	82	84	02	23	71	02	53	80	06	17	32	35	79	96	46	47	48	61	68	71	06	25	53	54	21	22	90	91
Adenoma						X						X				X				X			X							X	
Carcinoma								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		X			X								

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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
0% ETH/ 30PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	008 58	008 59	009 21	009 22	009 23	009 24	009 77	009 78	009 79	010 79	010 80	011 35	011 36	011 37	012 00	012 01	012 02	*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		X																1
Hepatocellular Adenoma	X	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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B6C3F1/NCTR Mouse Female
0% ETH/ 30PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	008 58	008 59	009 21	009 22	009 23	009 24	009 77	009 78	009 79	010 79	010 80	011 35	011 36	011 37	012 00	012 01	012 02	*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																		1
Endocrine System																		
Adrenal Gland, Cortex	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Subcapsular, Adenoma																		1
Adrenal Gland, Medulla	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Parathyroid Gland	M	+	M	+	+	+	M	+	+	+	M	M	+	+	+	+	+	31
Pituitary Gland	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	40
Pars Distalis, Adenoma						X		X										5
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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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	765	765	765	
ANIMAL ID	0058	0059	0091	0092	0093	0094	0097	0098	0099	0109	0110	0113	0116	0117	0120	0121	0122	*TOTALS
Follicular Cel, Adenoma																		1
General Body System																		
Tissue NOS																		1
Abdominal, Sarcoma																		1
Genital System																		
Clitoral Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	43
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma, Tubular		X																2
Cystadenoma						X												1
Granulosa Cell Tumor Benign											X							2
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma									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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I ..Insufficient tissue
M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female
0% ETH/ 30PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	008 58	008 59	009 21	009 22	009 23	009 24	009 77	009 78	009 79	010 79	010 80	011 35	011 36	011 37	012 00	012 01	012 02	*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																		1
Leiomyosarcoma, Metastatic, Uterus																		1
Thymus	+	+	M	+	M	M	+	+	+	M	M	+	M	+	+	+	M	32
Leiomyosarcoma, Metastatic, Uterus																		1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoacanthoma																		1
Adenocarcinoma																		3
Adenoma																		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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\+ ..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/ 30PPMURE																		
DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	008 58	008 59	009 21	009 22	009 23	009 24	009 77	009 78	009 79	010 79	010 80	011 35	011 36	011 37	012 00	012 01	012 02	*TOTALS
Hemangiosarcoma			X															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																		4
Alveolar/Bronchiolar Carcinoma					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

* ..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/ 30PPMURE

DAY ON TEST	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0058	0059	0091	0092	0093	0094	0097	0098	0099	0109	0110	0113	0116	0117	0120	0121	0122	*TOTALS
Adenoma							X				X							8
Carcinoma		X	X												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																		8

* ..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/ 90PPMURE

DAY ON TEST	193	391	436	427	466	551	523	548	573	576	522	592	618	605	584	593	578	642	590	618	643	650	683	696	678	620	635	662	635	676	739
ANIMAL ID	0006	0010	0011	0013	0014	0016	0016	0018	0018	0019	0019	0023	0023	0024	0024	0024	0025	0025	0026	0027	0030	0031	0031	0034	0036	0037	0038	0040	0040	0041	0043
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	M	+	+	M	M	+
Sarcoma, Metastatic, Skin																								X							
Intestine Large				+																		+									
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																								X							
Sarcoma, Metastatic, Uncertain Primary Site																															X
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
Intestine Small																						+									
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma						X																		X						X	
Hepatocellular Adenoma																							X				X				
Hepatocellular Adenoma, Multiple																			X		X	X		X		X			X	X	
Hepatocellular Carcinoma																															
Sarcoma, Metastatic, Skin																								X							
Mesentery																		+			+			+							+
Sarcoma, Metastatic, Skin																		X						X							

* ..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 Female
0% ETH/ 90PPMURE

DAY ON TEST	193	391	436	427	466	551	523	548	573	576	522	592	618	605	584	593	578	642	590	618	643	650	683	696	678	620	635	662	635	676	739
ANIMAL ID	0006	0010	0011	0013	0014	0016	0016	0018	0018	0019	0019	0023	0023	0024	0024	0024	0025	0025	0026	0027	0030	0031	0031	0034	0036	0037	0038	0040	0040	0041	0043
Pancreas	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																								X							
Sarcoma, Metastatic, Uncertain Primary Site																															X
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																															X
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	A	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	M

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B6C3F1/NCTR Mouse Female
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DAY ON TEST	019	039	043	044	046	055	052	054	057	057	052	059	061	060	058	059	057	064	059	061	064	065	068	069	067	062	063	062	063	067	073
ANIMAL ID	0006	0010	0011	0013	0014	0016	0016	0018	0018	0019	0019	0023	0023	0024	0024	0024	0025	0025	0026	0027	0030	0031	0031	0034	0036	0037	0038	0040	0040	0041	0043
Pituitary Gland	+	+	+	+	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	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	M	+	M	M	M	+	+	+	+	+	+	+	+	+	M
Adenoma, Tubular																															
Cystadenoma														X																	
Granulosa Cell Tumor Benign										X																					
Granulosa Cell Tumor Malignant																											X				
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Adenoma																															
Hemangiosarcoma																														X	
Polyp Stromal										X																					
Sarcoma																															
Vagina	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	M	+	M	+	+	+	+	+	+	+	+	+	+	+	M
Squamous Cell Carcinoma																											X				

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ANIMAL ID	0006	0010	0011	0013	0014	0016	0016	0018	0018	0019	0021	0023	0023	0024	0024	0024	0025	0025	0026	0027	0030	0031	0031	0034	0036	0037	0038	0040	0040	0041	0043
Squamous Cell Papilloma										X																					
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node				+	+		+							+								+	+								+
Renal, Lymphangioma																															X
Lymph Node, Mandibular	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	M	+	+	M	+	+	+
Adenocarcinoma, Metastatic, Uncertain Primary Site																							X								
Lymph Node, Mesenteric	+	A	+	+	+	+	+	+	+	+	+	M	A	+	M	+	+	+	M	A	M	+	+	M	+	+	+	+	+	+	+
Sarcoma, Metastatic, Uncertain Primary Site																															X
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma														X																	
Sarcoma, Metastatic, Skin																								X							
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	M	+	M	M	M	+	+	+	M	M	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																													X		
Sarcoma, Metastatic, Skin																															
Sarcoma, Metastatic, Uncertain Primary Site																															X
Integumentary System																															
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoacanthoma							X								X	X					X				X			X	X		X
Adenocarcinoma		X							X									X		X		X								X	

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B6C3F1/NCTR Mouse Female 0% ETH/ 90PPMURE																															
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Adenoma																															
Fibroadenoma																															
Sarcoma, Metastatic, Skin																								X							
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Carcinoma						X																									
Hemangiosarcoma														X																	
Sarcoma																		X	X					X							
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Femur, Hemangioma																															
Rib, Right, Osteosarcoma																															
Sternum, Sarcoma										X																					
Sternum, Sarcoma, Metastatic, Skin																								X							
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																													X		
Diaphragm, Sarcoma, Metastatic, Skin																								X							
Sarcoma, Metastatic, Uncertain Primary Site																															X
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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ANIMAL ID	006	001	001	001	001	001	001	001	001	001	002	002	002	002	002	002	002	002	002	002	003	003	003	003	003	003	003	004	004	004	004
	6	9	8	3	9	4	5	0	8	9	9	5	7	0	4	7	3	5	0	8	0	1	2	1	1	8	1	0	7	5	1
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				X	
Alveolar/Bronchiolar Carcinoma																	X	X												X	X
Alveolar/Bronchiolar Carcinoma, Multiple								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																															
Hepatocellular Carcinoma, Metastatic, Liver																															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																															
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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ANIMAL ID	0006 6	0010 9	0011 8	0013 3	0014 9	0016 4	0016 5	0018 0	0018 9	0019 0	0021 9	0023 5	0023 7	0024 0	0024 2	0024 7	0025 3	0025 5	0026 1	0027 8	0030 7	0031 1	0031 2	0034 1	0036 1	0037 8	0038 1	0040 3	0040 7	0041 5	0043 1
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma					X		X					X	X			X	X		X							X	X	X		X	
Bilateral, Adenoma																															
Bilateral, Carcinoma																								X							
Carcinoma								X	X														X						X		
Lacrimal Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	+	M	+	M	+	M	+
Zymbal's Gland	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basosquamous Tumor Malignant																															
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma												X																			
Sarcoma, Metastatic, Skin																			X					X							
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	M	+	+	+	+	+	+	M	+	+	+	M
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																						X									
Lymphoma Malignant	X		X	X	X		X							X												X					

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DAY ON TEST	0678	0694	0725	0676	0680	0686	0721	0710	0714	0744	0745	0717	0705	0723	0756	0753	0765	
ANIMAL ID	0044 2	0044 9	0047 4	0049 0	0050 9	0057 0	0062 8	0067 0	0067 7	0068 0	0073 9	0074 0	0074 5	0077 9	0081 5	0099 7	0108 7	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	47
Gallbladder	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	43
Sarcoma, Metastatic, Skin																		1
Intestine Large																		2
Intestine Large, Cecum	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	45
Intestine Large, Colon	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Skin																		1
Sarcoma, Metastatic, Uncertain Primary Site																		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											X		7
Hepatocellular Adenoma																		2
Hepatocellular Adenoma, Multiple			X		X	X		X			X	X	X	X	X			16
Hepatocellular Carcinoma				X														1
Sarcoma, Metastatic, Skin																		1
Mesentery				+										+				6
Sarcoma, Metastatic, Skin																		2

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DAY ON TEST	067 8	069 4	072 5	067 6	068 0	068 6	072 1	071 0	071 4	074 4	074 5	071 7	070 5	072 3	075 6	075 3	076 5	
ANIMAL ID	0044 2	0044 9	0047 4	0049 0	0050 9	0057 0	0062 8	0067 0	0067 7	0068 0	0073 9	0074 0	0074 5	0077 9	0081 5	0099 7	0108 7	*TOTALS
Pancreas	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	44
Sarcoma, Metastatic, Skin																		1
Sarcoma, Metastatic, Uncertain Primary Site																		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																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Islets, Pancreatic	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	44
Parathyroid Gland	+	+	+	+	+	+	+	+	M	M	+	M	+	+	+	M	M	40

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DAY ON TEST	067 8	069 4	072 5	067 6	068 0	068 6	072 1	071 0	071 4	074 4	074 5	071 7	070 5	072 3	075 6	075 3	076 5	
ANIMAL ID	0044 2	0044 9	0047 4	0049 0	0050 9	0057 0	0062 8	0067 0	0067 7	0068 0	0073 9	0074 0	0074 5	0077 9	0081 5	0099 7	0108 7	*TOTALS
Pituitary Gland	M	+	+	+	+	+	+	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	+	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	X																3
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Endometrium, Adenoma	X																	1
Hemangiosarcoma													X					2
Polyp Stromal																		1
Sarcoma																X		1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Squamous Cell Carcinoma																		1

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B6C3F1/NCTR Mouse Female
0% ETH/ 90PPMURE

DAY ON TEST	0678	0694	0725	0676	0680	0686	0721	0710	0714	0744	0745	0717	0705	0723	0756	0753	0765	
ANIMAL ID	0044 2	0044 9	0047 4	0049 0	0050 9	0057 0	0062 8	0067 0	0067 7	0068 0	0073 9	0074 0	0074 5	0077 9	0081 5	0099 7	0108 7	*TOTALS
Squamous Cell Papilloma																		1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	47
Lymph Node	+	+			+	+		+		+		+		+		+	+	17
Renal, Lymphangioma																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	42
Adenocarcinoma, Metastatic, Uncertain Primary Site																		1
Lymph Node, Mesenteric	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	39
Sarcoma, Metastatic, Uncertain Primary Site																		1
Spleen	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	46
Hemangiosarcoma		X		X							X							4
Sarcoma, Metastatic, Skin																		1
Thymus	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	38
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung		X									X		X					4
Sarcoma, Metastatic, Skin																X		1
Sarcoma, Metastatic, Uncertain Primary Site																		1
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoacanthoma						X			X						X			11
Adenocarcinoma	X			X				X					X				X	11

* ..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/ 90PPMURE

DAY ON TEST	0678	0694	0725	0676	0680	0686	0721	0710	0714	0744	0745	0717	0705	0723	0756	0753	0765	
ANIMAL ID	0044 2	0044 9	0047 4	0049 0	0050 9	0057 0	0062 8	0067 0	0067 7	0068 0	0073 9	0074 0	0074 5	0077 9	0081 5	0099 7	0108 7	*TOTALS
Adenoma										X								1
Fibroadenoma												X						1
Sarcoma, Metastatic, Skin																		1
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Basal Cell Carcinoma																		1
Hemangiosarcoma		X																2
Sarcoma						X									X	X		6
Musculoskeletal System																		
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Femur, Hemangioma			X															1
Rib, Right, Osteosarcoma																	X	1
Sternum, Sarcoma																		1
Sternum, Sarcoma, Metastatic, Skin																		1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Diaphragm, Sarcoma, Metastatic, Skin																		1
Sarcoma, Metastatic, Uncertain Primary Site																		1
Nervous System																		
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Female 0% ETH/ 90PPMURE																		
DAY ON TEST	678	694	725	676	680	686	721	710	714	744	745	717	705	723	756	753	765	
ANIMAL ID	00442	00449	00474	00490	00509	00570	00628	00670	00677	00680	00739	00740	00745	00779	00815	00997	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	17
Alveolar/Bronchiolar Carcinoma										X			X					6
Alveolar/Bronchiolar Carcinoma, Multiple	X	X	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				X														1
Hepatocellular Carcinoma, Metastatic, Liver				X														1
Nose	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	46
Trachea	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	46
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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DAY ON TEST	067	069	072	067	068	068	072	071	071	074	074	071	070	072	075	075	076	
B6C3F1/NCTR Mouse Female 0% ETH/ 90PPMURE	8	4	5	6	0	6	1	0	4	4	5	7	5	3	6	3	5	
ANIMAL ID	0044 2	0044 9	0047 4	0049 0	0050 9	0057 0	0062 8	0067 0	0067 7	0068 0	0073 9	0074 0	0074 5	0077 9	0081 5	0099 7	0108 7	*TOTALS
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma	X	X	X			X		X	X			X			X	X		20
Bilateral, Adenoma										X								1
Bilateral, Carcinoma				X	X		X											4
Carcinoma								X				X					X	7
Lacrimal Gland	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	40
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Basosquamous Tumor Malignant												X						1
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma																		1
Sarcoma, Metastatic, Skin																		2
Urinary Bladder	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	M	+	41
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma		X								X								3
Lymphoma Malignant	X				X	X		X						X	X	X	X	15

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

DAY ON TEST	598	608	608	608	608	677	718	766	766	766	765	765	765	765	765	765	765	765	765	765	765	765	765	764	765	765	765	765	765	765
ANIMAL ID	0024 4	0031 7	0031 8	0031 9	0032 0	0035 9	0049 5	0054 1	0054 2	0054 3	0054 4	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	0088 1	0092 7	0092 8	0092 9	0098 2	0098 3	0098 4
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																															
Ito Cell Tumor Malignant													X																		
Mesentery									+						+																
Pancreas		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Tongue		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Cardiovascular System																															
Blood Vessel		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Adenocarcinoma, Metastatic, Mammary Gland							X																								
Adenoma								X																							
Adrenal Gland, Medulla		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Pheochromocytoma Benign											X																				
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																								X							
Parathyroid Gland		+	M	+	+	+	+	+	+	+	+	M	+	+	M	M	M	+	M	+	+	+	+	+	+	M	+	M	+	+	+
Pituitary Gland		+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma						X	X		X												X						X			X	
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																															
General Body System																															
NONE																															
Genital System																															
Clitoral Gland		+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	M	M	M	+	+	+	+	+

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Ovary		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma, Tubular																															
Cystadenoma																									X						
Uterus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leiomyoma																															
Vagina		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node						+											+	+					+		+						
Lymph Node, Mandibular		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus		+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Integumentary System																															
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma							X											X							X						
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																				X											
Sarcoma																															
Musculoskeletal System																															
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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DAY ON TEST	598	608	608	608	608	677	718	766	766	766	766	765	765	765	765	765	765	765	765	765	765	765	765	765	764	765	765	765	765	765
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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									X																						
Carcinoma																															
Lacrimal Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:55
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	766	766	766	766	765	765	765	765	765	765	765	765	765	765	765	765	765	764	765	765	765	765	765	765
ANIMAL ID	0024 4	0031 7	0031 8	0031 9	0032 0	0035 9	0049 5	0054 1	0054 2	0054 3	0054 4	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	0088 1	0092 7	0092 8	0092 9	0098 2	0098 3	0098 4
Urinary System																															
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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 Female
2.5%ETH/0PPM URE

DAY ON TEST	765	765	765	765	765	752	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0095	0104	0105	0106	0107	0107	0114	0115	0116	0117	0165	0166	0167	0214	0215	0216	0217	*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						X												1
Ito Cell Tumor Malignant																		1
Mesentery																		2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47

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

DAY ON TEST	765	765	765	765	765	752	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0085	0094	0095	0096	0097	0107	0154	0155	0156	0157	0165	0166	0167	0214	0215	0216	0217	*TOTALS
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenocarcinoma, Metastatic, Mammary Gland																		1
Adenoma																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	45
Pheochromocytoma Benign																		1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenoma																		1
Parathyroid Gland	M	+	+	M	+	+	M	+	+	+	+	+	M	+	M	+	+	34
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	44
Pars Distalis, Adenoma													X					7
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Follicular Cel, Adenoma													X					1
General Body System																		
NONE																		
Genital System																		
Clitoral Gland	I	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	40

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

DAY ON TEST	765	765	765	765	765	752	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0085	0094	0095	0096	0097	0107	0114	0115	0116	0117	0165	0166	0167	0214	0215	0216	0217	*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	I	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	43
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Thymus	+	+	+	+	+	+	+	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	752	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0095	0104	0105	0106	0107	0107	0114	0115	0116	0117	0165	0166	0167	0214	0215	0216	0217	*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							2
Carcinoma					X													1
Lacrimal Gland	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	752	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0098 5	0109 4	0109 5	0109 6	0109 7	0110 7	0115 4	0115 5	0115 6	0115 7	0116 5	0116 6	0116 7	0121 4	0121 5	0121 6	0121 7	*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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:20:55
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	074	074	074	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	001	001	002	002	002	003	003	003	003	004	004	004	006	006	006	007	007	007	007	008	008	008	008	008	008	009	009	009	009	009	009
	07	73	28	38	79	05	37	60	93	57	58	59	21	68	69	31	32	33	46	00	01	02	63	64	65	34	35	36	89	90	91
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large														+																	
Intestine Large, Cecum	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	M	A	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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DAY ON TEST	043	052	061	061	061	064	066	069	071	074	074	074	076	076	076	076	076	076	073	076	076	076	076	076	076	076	076	076	076	076	076
B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE	3	9	4	8	1	8	0	8	9	8	8	8	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	001	001	002	002	002	003	003	003	003	004	004	004	006	006	006	007	007	007	007	008	008	008	008	008	008	009	009	009	009	009	009
	07	73	28	38	79	05	37	60	93	57	58	59	21	68	69	31	32	33	46	00	01	02	63	64	65	34	35	36	89	90	91
Squamous Cell Papilloma																													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	614	618	611	648	660	698	719	748	748	748	765	765	765	765	765	765	734	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0017	0017	0022	0023	0027	0030	0033	0036	0039	0045	0045	0045	0062	0068	0069	0073	0073	0073	0074	0080	0080	0080	0086	0086	0086	0093	0093	0098	0099	0099	0099
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	+	+	+	A	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	A	M	+	+	+	+	+	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	074	074	074	076	076	076	076	076	076	073	076	076	076	076	076	076	076	076	076	076	076	076
B6C3F1/NCTR Mouse Female 2.5%ETH/10PPMURE	3	9	4	8	1	8	0	8	9	8	8	8	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	001	001	002	002	002	003	003	003	003	004	004	004	006	006	006	007	007	007	007	008	008	008	008	008	008	009	009	009	009	009	009
	07	73	28	38	79	05	37	60	93	57	58	59	21	68	69	31	32	33	46	00	01	02	63	64	65	34	35	36	89	90	91
Right, Osteosarcoma																			X												
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
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													

* ..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/10PPMURE

DAY ON TEST	433	529	614	618	611	648	660	698	719	748	748	748	765	765	765	765	765	765	734	765	765	765	765	765	765	765	765	765	765	765	765
ANIMAL ID	0010 7	0017 3	0022 8	0023 8	0027 9	0030 5	0033 7	0036 0	0039 3	0045 7	0045 8	0045 9	0062 1	0066 8	0066 9	0073 1	0073 2	0073 3	0074 6	0080 0	0080 1	0080 2	0086 3	0086 4	0086 5	0093 4	0093 5	0093 6	0098 9	0099 0	0099 1
Carcinoma																						X									
Lacrimal Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Carcinoma						X																									
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma																															
Urinary Bladder	+	+	M	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma								X																							
Lymphoma Malignant				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 2.5%ETH/10PPMURE

DAY ON TEST	765	736	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0092	0104	0134	0135	0136	0131	0132	0133	0134	0161	0162	0163	0164	0197	0198	0199	*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

* ..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/10PPMURE																	
DAY ON TEST	765	736	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0092	0104	0134	0135	0136	0131	0132	0133	0134	0161	0162	0163	0164	0197	0198	0199	*TOTALS
Squamous Cell Papilloma		X			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

* ..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/10PPMURE

DAY ON TEST	765	736	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0092	0104	0104	0103	0103	0113	0113	0113	0113	0116	0116	0116	0116	0119	0119	0119	*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

* ..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/10PPMURE																	
DAY ON TEST	765	736	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0092	0104	0134	0135	0136	0131	0132	0133	0134	0161	0162	0163	0164	0197	0198	0199	*TOTALS
Right, Osteosarcoma																	1
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Nervous System																	
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Peripheral Nerve	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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

* ..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 2.5%ETH/10PPMURE

DAY ON TEST	765	736	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0992	1004	1034	1035	1036	1131	1132	1133	1134	1161	1162	1163	1164	1197	1198	1199	*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	10

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

M ..Missing tissue
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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																															
DAY ON TEST	030 6	035 3	046 8	055 1	049 3	058 4	059 3	060 0	059 4	060 7	061 4	065 4	063 6	067 7	069 6	064 0	064 0	069 8	064 1	073 3	071 2	069 0	068 9	069 6	070 3	071 8	076 2	076 6	068 1	076 5	076 5
ANIMAL ID	0007 9	0008 4	0014 2	0015 9	0017 1	0022 5	0024 8	0025 4	0025 8	0026 9	0027 0	0028 1	0029 7	0033 5	0034 2	0036 9	0039 0	0040 8	0041 8	0042 4	0043 6	0045 2	0046 7	0048 8	0048 9	0049 4	0050 6	0054 9	0059 8	0060 9	0061 0
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															

* ..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	306	353	468	551	493	584	593	600	594	607	614	654	636	677	696	640	640	698	641	733	712	690	689	696	703	718	762	766	681	765	765
B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE ANIMAL ID	0079	0084	0142	0159	0171	0225	0248	0254	0258	0269	0270	0281	0297	0335	0342	0369	0390	0408	0418	0424	0436	0452	0467	0488	0489	0494	0506	0549	0598	0609	0610
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+
Pheochromocytoma Malignant																															
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	+	+	+	+	+	+	+	+

* ..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/30PPMURE																															
DAY ON TEST	030 6	035 3	046 8	055 1	049 3	058 4	059 3	060 0	059 4	060 7	061 4	065 4	063 6	067 7	069 6	064 0	064 0	069 8	064 1	073 3	071 2	069 0	068 9	069 6	070 3	071 8	076 2	076 6	068 1	076 5	076 5
ANIMAL ID	0007 9	0008 4	0014 2	0015 9	0017 1	0022 5	0024 8	0025 4	0025 8	0026 9	0027 0	0028 1	0029 7	0033 5	0034 2	0036 9	0039 0	0040 8	0041 8	0042 4	0043 6	0045 2	0046 7	0048 8	0048 9	0049 4	0050 6	0054 9	0059 8	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															

* ..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	306	353	468	551	493	584	593	600	594	607	614	654	636	677	696	640	640	698	641	733	712	690	689	696	703	718	762	766	681	765	765
B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE ANIMAL ID	0079	0084	0142	0159	0171	0225	0248	0254	0258	0269	0270	0281	0297	0335	0342	0369	0390	0408	0418	0424	0436	0452	0467	0488	0489	0494	0506	0549	0598	0609	0610
Thoracic, Sarcoma Stromal, Metastatic, Uterus																X															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	A	M	+	+	M	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	A	A	+	+	+	+	+	+	M	+
Sarcoma Stromal, Metastatic, Uterus																X															
Spleen	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+
Sarcoma Stromal, Metastatic, Uterus																X															
Thymus	+	+	M	A	M	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		X	
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Femur, Sarcoma, Metastatic, Skin																									X						
Humerus, Osteosarcoma			X																												

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I ..Insufficient tissue

M ..Missing tissue
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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																															
DAY ON TEST	030 6	035 3	046 8	055 1	049 3	058 4	059 3	060 0	059 4	060 7	061 4	065 4	063 6	067 7	069 6	064 0	064 0	069 8	064 1	073 3	071 2	069 0	068 9	069 6	070 3	071 8	076 2	076 6	068 1	076 5	076 5
ANIMAL ID	0007 9	0008 4	0014 2	0015 9	0017 1	0022 5	0024 8	0025 4	0025 8	0026 9	0027 0	0028 1	0029 7	0033 5	0034 2	0036 9	0039 0	0040 8	0041 8	0042 4	0043 6	0045 2	0046 7	0048 8	0048 9	0049 4	0050 6	0054 9	0059 8	0060 9	0061 0
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	X		
Alveolar/Bronchiolar Adenoma, Multiple								X													X										X
Alveolar/Bronchiolar Carcinoma																						X									
Alveolar/Bronchiolar Carcinoma, Multiple																	X														
Carcinoma, Metastatic, Mammary Gland																				X											
Hepatocellular Carcinoma, Metastatic, Liver						X																									
Osteosarcoma, Metastatic, Bone			X																												
Sarcoma, Metastatic, Skin																											X				

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BLANK ..Not examined microscopically

B6C3F1/NCTR Mouse Female 2.5%ETH/30PPMURE																															
DAY ON TEST	030 6	035 3	046 8	055 1	049 3	058 4	059 3	060 0	059 4	060 7	061 4	065 4	063 6	067 7	069 6	064 0	064 0	069 8	064 1	073 3	071 2	069 0	068 9	069 6	070 3	071 8	076 2	076 6	068 1	076 5	076 5
ANIMAL ID	0007 9	0008 4	0014 2	0015 9	0017 1	0022 5	0024 8	0025 4	0025 8	0026 9	0027 0	0028 1	0029 7	0033 5	0034 2	0036 9	0039 0	0040 8	0041 8	0042 4	0043 6	0045 2	0046 7	0048 8	0048 9	0049 4	0050 6	0054 9	0059 8	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				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						
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	738	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0093 9	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	*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	738	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0093 9	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	*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								X										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	738	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0093 9	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	*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	738	765	765	765	765	765	765	765	765	765	
ANIMAL ID	00658	00659	00660	00723	00792	00925	00926	00939	00980	00981	01040	01084	01085	01086	01140	01207	01208	*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																		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	738	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0065 8	0065 9	0066 0	0072 3	0079 2	0092 5	0092 6	0093 9	0098 0	0098 1	0104 0	0108 4	0108 5	0108 6	0114 0	0120 7	0120 8	*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	12
Alveolar/Bronchiolar Adenoma, Multiple		X																4
Alveolar/Bronchiolar Carcinoma								X	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	738	765	765	765	765	765	765	765	765	765	
ANIMAL ID	00658	00659	00660	00723	00792	00925	00926	00939	00980	00981	01040	01084	01085	01086	01140	01207	01208	*TOTALS
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Special Senses System																		
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Adenoma										X		X	X					9
Carcinoma	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								X										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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:00
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE

DAY ON TEST	0360	0388	0499	0542	0516	0508	0599	0565	0626	0628	0648	0652	0593	0614	0608	0659	0662	0670	0611	0646	0692	0650	0620	0651	0689	0718	0677	0686	0649	0737	0711
ANIMAL ID	0080	0110	0140	0168	0179	0183	0207	0213	0232	0246	0277	0289	0296	0306	0310	0326	0344	0347	0351	0352	0362	0363	0379	0400	0412	0414	0420	0427	0439	0464	0476
Alimentary System																															
Esophagus	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Kidney																															
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	M	+	M	A	+	+	A	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	A	+	A	+	+	A	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	A	+		+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Sarcoma, Metastatic, Uterus																															
Squamous Cell Carcinoma															X																
Intestine Small, Duodenum	+	+	M	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	A	A	A	+	+	A	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	A	A	A	+	+	A	+	+	+
Intestine Small, Jejunum	+	+	M	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	+	+	A	A	A	+	+	A	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+
Hemangiosarcoma																					X						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	542	516	508	599	565	626	628	648	652	593	614	608	659	662	670	611	646	692	650	620	651	689	718	677	686	649	737	711
B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE ANIMAL ID	0080	0110	0140	0168	0179	0183	0207	0213	0232	0246	0277	0289	0296	0306	0310	0326	0344	0347	0351	0352	0362	0363	0379	0400	0412	0414	0420	0427	0439	0464	0476
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											
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																															
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	A	M	+	+

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE

DAY ON TEST	0360	0388	0499	0542	0516	0508	0599	0565	0626	0628	0648	0652	0593	0614	0608	0659	0662	0670	0611	0646	0692	0650	0620	0651	0689	0718	0677	0686	0649	0737	0711
ANIMAL ID	0080	0110	0140	0168	0179	0183	0207	0213	0232	0246	0277	0289	0296	0306	0310	0326	0344	0347	0351	0352	0362	0363	0379	0400	0412	0414	0420	0427	0439	0464	0476
Islets, Pancreatic	+	+	+	+	+	+	+	+	A	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	A	+	+	A	+	+	+
Adenoma																				X											
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	M	+	+	+	M	+	+	M	+	+	M	+	M	+	+	M	+	+	M	+	+
Pituitary Gland	+	+	M	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	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma, Tubular																		X													
Cystadenoma																						X									
Granulosa Cell Tumor Benign														X						X											
Hemangioma																										X					
Hemangiosarcoma																			X											X	
Thecoma Benign										X																					
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma														X	X			X													
Hemangiosarcoma																															
Leiomyosarcoma																															
Sarcoma																															

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																															
DAY ON TEST	0360	0388	0499	0542	0516	0508	0599	0565	0626	0628	0648	0652	0593	0614	0608	0659	0662	0670	0611	0646	0692	0650	0620	0651	0689	0718	0677	0686	0649	0737	0711
ANIMAL ID	00080	00110	00140	00168	00179	00183	00207	00213	00232	00246	00277	00289	00296	00306	00310	00326	00344	00347	00351	00352	00362	00363	00379	00400	00412	00414	00420	00427	00439	00464	00476
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	M	+	+	+	+	M	+	+	A	+	+	M	A	+	+	+	+	+	+	+	+	+	+	+	M	+	+	A	+	+	+
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	+	+	+

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																															
DAY ON TEST	0360	0388	0499	0542	0516	0508	0599	0565	0626	0628	0648	0652	0593	0614	0608	0659	0662	0670	0611	0646	0692	0650	0620	0651	0689	0718	0677	0686	0649	0737	0711
ANIMAL ID	00080	00110	00140	00168	00179	00183	00207	00213	00232	00246	00277	00289	00296	00306	00310	00326	00344	00347	00351	00352	00362	00363	00379	00400	00412	00414	00420	00427	00439	00464	00476
Adenoacanthoma							X									X															X
Adenocarcinoma											X					X		X				X		X	X		X		X	X	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+
Fibroma																										X					
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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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE

DAY ON TEST	360	388	499	542	516	508	599	565	626	628	648	652	593	614	608	659	662	670	611	646	692	650	620	651	689	718	677	686	649	737	711
ANIMAL ID	0080	0110	0140	0168	0179	0183	0207	0213	0232	0246	0277	0289	0296	0306	0310	0326	0344	0347	0351	0352	0362	0363	0379	0400	0412	0414	0420	0427	0439	0464	0476
Larynx	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma									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
Alveolar/Bronchiolar Carcinoma, Multiple			X							X											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	+	+	+	+	+	+	+	+	+	M	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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											
Lacrimal Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	M
Urinary System																															

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:02
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
2.5%ETH/90PPMURE

DAY ON TEST	036	038	049	054	051	050	059	056	062	062	064	065	059	061	060	065	066	067	061	064	069	065	062	065	068	071	067	068	064	073	071
ANIMAL ID	0080	0010	0014	0016	0017	0018	0020	0021	0023	0024	0027	0028	0029	0030	0031	0032	0034	0034	0035	0035	0036	0036	0037	0040	0041	0041	0042	0042	0043	0046	0047
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma						X													X												
Perirenal Tiss, Hemangiosarcoma																													X		
Sarcoma																															
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																															
Lymphoma Malignant	X	X																										X			

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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																		
DAY ON TEST	715	766	762	765	716	753	738	737	709	765	765	765	743	765	765	738	765	
ANIMAL ID	00510	00545	00566	00605	00681	00689	00738	00777	00778	00785	00786	00853	00882	00916	00917	00941	01150	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma, Metastatic, Kidney					X													1
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	43
Intestine Large, Cecum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	41
Intestine Large, Colon	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	42
Intestine Large, Rectum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	46
Sarcoma, Metastatic, Uterus										X								1
Squamous Cell Carcinoma																		1
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	39
Intestine Small, Ileum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	40
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	39
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Hemangiosarcoma			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	715	766	762	765	716	753	738	737	709	765	765	765	743	765	765	738	765	
ANIMAL ID	00510	00545	00566	00605	00681	00689	00738	00777	00778	00785	00786	00853	00882	00916	00917	00941	01150	*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	X																	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	X																	1
Adrenal Gland, Medulla	+	+	+	+	+	M	+	+	M	+	M	+	M	+	+	+	+	41

* ..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	715	766	762	765	716	753	738	737	709	765	765	765	743	765	765	738	765	
ANIMAL ID	0051 0	0054 5	0056 6	0060 5	0068 1	0068 9	0073 8	0077 7	0077 8	0078 5	0078 6	0085 3	0088 2	0091 6	0091 7	0094 1	0115 0	*TOTALS
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Adenoma																		1
Parathyroid Gland	+	+	M	+	M	M	+	M	+	M	M	M	M	M	+	+	+	31
Pituitary Gland	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	M	+	38
Pars Distalis, Adenoma																		1
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
General Body System																		
NONE																		
Genital System																		
Clitoral Gland	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	40
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma, Tubular																		1
Cystadenoma			X															2
Granulosa Cell Tumor Benign												X						3
Hemangioma																		1
Hemangiosarcoma																		2
Thecoma Benign																		1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangioma																		3
Hemangiosarcoma										X								1
Leiomyosarcoma			X															1
Sarcoma										X								1

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
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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	715	766	762	765	716	753	738	737	709	765	765	765	743	765	765	738	765	
ANIMAL ID	00510	00545	00566	00605	00681	00689	00738	00777	00778	00785	00786	00853	00882	00916	00917	00941	01150	*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	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	A	+	+	+	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

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
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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	715	766	762	765	716	753	738	737	709	765	765	765	743	765	765	738	765	
ANIMAL ID	00510	00545	00566	00605	00681	00689	00738	00777	00778	00785	00786	00853	00882	00916	00917	00941	01150	*TOTALS
Adenoacanthoma																		3
Adenocarcinoma	X	X	X						X					X				14
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Fibroma																		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																		

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M ..Missing tissue
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B6C3F1/NCTR Mouse Female 2.5%ETH/90PPMURE																		
DAY ON TEST	715	766	762	765	716	753	738	737	709	765	765	765	743	765	765	738	765	
ANIMAL ID	00510	00545	00566	00605	00681	00689	00738	00777	00778	00785	00786	00853	00882	00916	00917	00941	01150	*TOTALS
Larynx	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Alveolar/Bronchiolar Adenoma							X					X		X				10
Alveolar/Bronchiolar Adenoma, Multiple	X				X				X	X	X		X		X	X	X	18
Alveolar/Bronchiolar Carcinoma			X	X			X		X			X	X			X		11
Alveolar/Bronchiolar Carcinoma, Multiple		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		X			12
Lacrimal Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	43
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	44
Urinary System																		

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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	715	766	762	765	716	753	738	737	709	765	765	765	743	765	765	738	765	
ANIMAL ID	00510	00545	00566	00605	00681	00689	00738	00777	00778	00785	00786	00853	00882	00916	00917	00941	01150	*TOTALS
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma																		2
Perirenal Tiss, Hemangiosarcoma																		1
Sarcoma					X													1
Urinary Bladder	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	45
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma			X								X							2
Lymphoma Malignant						X	X		X									6

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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/0PPM URE

DAY ON TEST	0216	0216	0216	0216	0515	0571	0671	0635	0626	0726	0706	0754	0765	0765	0765	0765	0765	0718	0747	0737	0765	0765	0765	0718	0765	0765	0765	0765	0765	0765	0765	0765
ANIMAL ID	0060	0061	0062	0063	0141	0218	0308	0314	0355	0421	0440	0564	0607	0608	0656	0657	0690	0696	0776	0787	0788	0789	0809	0854	0855	0856	0857	0871	0872	0918	0919
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																															

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\+ ..Tissue examined microscopically
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	0216	0216	0216	0216	0515	0571	0671	0635	0626	0726	0706	0754	0765	0765	0765	0765	0718	0747	0737	0765	0765	0765	0718	0765	0765	0765	0765	0765	0765	0765	0765
ANIMAL ID	0060	0061	0062	0063	0141	0218	0308	0314	0355	0421	0440	0564	0607	0608	0656	0657	0690	0696	0776	0787	0788	0789	0809	0854	0855	0856	0857	0871	0872	0918	0919
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	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Cystadenoma																															X
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyp Stromal																							X								

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DAY ON TEST	021 6	021 6	021 6	021 6	051 5	057 1	067 1	063 5	062 6	072 6	070 6	075 4	076 5	076 5	076 5	076 5	071 8	074 7	073 7	076 5	076 5	076 5	071 8	076 5	076 5	076 5	076 5	076 5	076 5	076 5
B6C3F1/NCTR Mouse Female 5.0%ETH/0PPM URE																														
ANIMAL ID	0000 60	0000 61	0000 62	0000 63	0014 1	0021 8	0030 8	0031 4	0035 5	0042 1	0044 0	0056 4	0060 7	0060 8	0065 6	0065 7	0069 0	0069 6	0077 6	0078 7	0078 8	0078 9	0080 9	0085 4	0085 5	0085 6	0085 7	0087 1	0087 2	0091 8	0091 9
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node					+					+	+							+													+
Axillary, Sarcoma, Metastatic, Skin																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	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								
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																															
Brain, Cerebellum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Brain, Cerebrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female 5.0%ETH/0PPM URE																															
DAY ON TEST	0216	0216	0216	0216	0515	0571	0671	0635	0626	0726	0706	0754	0765	0765	0765	0765	0718	0747	0737	0765	0765	0765	0765	0718	0765	0765	0765	0765	0765	0765	0765
ANIMAL ID	0000 60	0000 61	0000 62	0000 63	0014 41	0021 8	0030 8	0031 4	0035 5	0042 1	0044 0	0056 4	0060 7	0060 8	0065 6	0065 7	0069 0	0069 6	0077 6	0078 7	0078 8	0078 9	0080 9	0085 4	0085 5	0085 6	0085 7	0087 1	0087 2	0091 8	0091 9
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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

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

DAY ON TEST	021 6	021 6	021 6	021 6	051 5	057 1	067 1	063 5	062 6	072 6	070 6	075 4	076 5	076 5	076 5	076 5	071 8	074 7	073 7	076 5	076 5	076 5	076 5	071 8	076 5	076 5	076 5	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0060	0061	0062	0063	0141	0218	0308	0314	0355	0421	0440	0564	0607	0608	0656	0657	0690	0696	0776	0787	0788	0789	0809	0854	0855	0856	0857	0871	0872	0918	0919
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteosarcoma, Metastatic, Skin									X																						
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma					X					X	X	X																			
Lymphoma Malignant																		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/0PPM URE

DAY ON TEST	765	745	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0092 0	0099 6	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	745	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0092 0	0099 6	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
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	M	+	38
Ovary	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Cystadenoma																X		2
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Polyp Stromal											X							2

* ..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/0PPM URE																		
DAY ON TEST	765	745	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0092 0	0099 6	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
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node		+															+	7
Axillary, Sarcoma, Metastatic, Skin		X																1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Lymph Node, Mesenteric	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	39
Integumentary System																		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Adenocarcinoma													X					3
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Osteosarcoma																		1
Sarcoma		X																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	745	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	0092 0	0099 6	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
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	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	45
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
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 5.0%ETH/0PPM URE																		
DAY ON TEST	765	745	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	
ANIMAL ID	00920	00996	01037	01038	01039	01081	01082	01083	01138	01139	01158	01159	01160	01203	01204	01205	01206	*TOTALS
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Osteosarcoma, Metastatic, Skin																		1
Urinary Bladder	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	M	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Histiocytic Sarcoma																		4
Lymphoma Malignant																	X	5

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:05
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 4	068 6	073 8	066 2	075 7	076 6	076 6	076 6	076 6	076 5	076 5	076 5	076 5	076 5	076 5	070 3	076 5	076 5	076 5	076 0	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0006 8	0006 9	0009 5	0021 5	0022 9	0030 0	0038 7	0046 0	0046 8	0047 5	0051 1	0055 0	0055 1	0055 2	0055 3	0061 5	0061 6	0061 7	0066 3	0066 4	0066 5	0067 2	0072 4	0072 5	0072 6	0074 1	0078 0	0078 1	0078 2	0084 6	0084 7
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	A	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Intestine Large, Colon	+	+	+	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Intestine Small												+																			
Intestine Small, Duodenum	+	+	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma											X		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
\+ ..Tissue examined microscopically
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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 4	068 6	073 8	066 2	075 7	076 6	076 6	076 6	076 6	076 5	076 5	076 5	076 5	076 5	076 5	070 3	076 5	076 5	076 5	076 0	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0006 8	0006 9	0009 5	0021 5	0022 9	0030 0	0038 7	0046 0	0046 8	0047 5	0051 1	0055 0	0055 1	0055 2	0055 3	0061 5	0061 6	0061 7	0066 3	0066 4	0066 5	0067 2	0072 4	0072 5	0072 6	0074 1	0078 0	0078 1	0078 2	0084 6	0084 7
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Stomach, Forestomach	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Squamous Cell Papilloma																									X						
Stomach, Glandular	+	+	+	+	M	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																															
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcapsular, Carcinoma																												X			
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+
Pheochromocytoma Malignant												X																			
Islets, Pancreatic	+	+	+	+	A	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma										X																					
Sarcoma, Metastatic, Skin									X																						
Parathyroid Gland	+	+	+	+	+	M	M	+	+	M	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	M	+	+	+	+	+	+	M	+	+	M	+	+	M	+	M	+	M	+	+	M	+	+	+	+	+	+	+
Pars Distalis, Adenoma																				X			X								X
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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\+ ..Tissue examined microscopically
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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE

DAY ON TEST	022	022	034	053	055	064	066	068	073	066	075	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076	076
ANIMAL ID	0006	0006	0009	0021	0022	0030	0038	0046	0046	0047	0051	0055	0055	0055	0055	0061	0061	0061	0066	0066	0066	0067	0072	0072	0072	0074	0078	0078	0078	0084	0084
	8	9	5	5	9	0	7	0	8	5	1	0	1	2	3	5	6	7	3	4	5	2	4	5	6	1	0	1	2	6	7
General Body System																															
Tissue NOS																										+					
Thoracic, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																										X					
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	M	+	+
Ovary	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cystadenoma																															
Sarcoma, Metastatic, Skin									X																						
Teratoma Malignant				X																											
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endometrium, Adenoma												X																			
Hemangioma																				X											
Hemangiosarcoma																		X													
Polyp Stromal																		X													
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sarcoma, Metastatic, Skin																															
Hematopoietic System																															
Bone Marrow	+	+	+	+	A	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node												+													+				+		
Axillary, Sarcoma, Metastatic, Skin																															

* ..Total animals with tissue examined microscopically; Total animals with tumor
\+ ..Tissue examined microscopically
X ..Lesion present
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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 4	068 6	073 8	066 2	075 7	076 6	076 6	076 6	076 6	076 5	076 5	076 5	076 5	076 5	076 5	070 3	076 5	076 5	076 5	076 0	076 5	076 5	076 5	076 5	076 5
ANIMAL ID	0006 8	0006 9	0009 5	0021 5	0022 9	0030 0	0038 7	0046 0	0046 8	0047 5	0051 1	0055 0	0055 1	0055 2	0055 3	0061 5	0061 6	0061 7	0066 3	0066 4	0066 5	0067 2	0072 4	0072 5	0072 6	0074 1	0078 0	0078 1	0078 2	0084 6	0084 7
Lumbar, Sarcoma, Metastatic, Skin																															
Renal, Sarcoma, Metastatic, Skin																															
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Lymph Node, Mesenteric	+	+	+	+	A	+	+	A	+	M	+	+	+	+	+	+	+	+	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										
Musculoskeletal System																															
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Diaphragm, Teratoma Malignant, Metastatic, Ovary				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/10PPMURE																														
DAY ON TEST	229	229	347	531	553	644	664	686	738	662	757	766	766	766	766	765	765	765	765	765	765	703	765	765	765	760	765	765	765	765
ANIMAL ID	0068	0069	0095	0215	0229	0300	0387	0460	0468	0475	0511	0550	0551	0552	0553	0615	0616	0617	0663	0664	0665	0672	0724	0725	0726	0741	0780	0781	0782	0846	0847
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		
Alveolar/Bronchiolar Adenoma, Multiple																				X											
Alveolar/Bronchiolar Carcinoma															X										X	X					
Alveolar/Bronchiolar Carcinoma, Multiple																						X									
Sarcoma, Metastatic, Skin									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

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:06
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE

DAY ON TEST	029	029	047	031	053	064	064	086	038	062	057	066	066	066	065	065	065	065	065	065	065	070	065	065	065	060	065	065	065	065	065
ANIMAL ID	0008	0009	0095	0215	0229	0300	0387	0460	0468	0475	0511	0550	0551	0552	0553	0615	0616	0617	0663	0664	0665	0672	0724	0725	0726	0741	0780	0781	0782	0846	0847
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																														X	
Bilateral, Carcinoma																															
Carcinoma									X						X	X			X												X
Lacrimal Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Zymbal's Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+
Urinary System																															
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																								X							
Sarcoma, Metastatic, Skin									X																						
Urinary Bladder	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Leukemia								X																							
Lymphoma Malignant					X		X					X													X						

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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																		
DAY ON TEST	765	765	721	765	745	765	765	765	765	765	765	765	765	765	765	754	765	
ANIMAL ID	008 48	008 49	008 78	009 12	009 42	009 71	009 72	009 73	010 41	010 42	010 43	010 88	010 89	011 41	011 42	011 52	012 09	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Gallbladder	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Large, Cecum	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Mast Cell Tumor Malignant																		1
Intestine Large, Colon	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Rectum	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Sarcoma, Metastatic, Skin								X										1
Intestine Small																		1
Intestine Small, Duodenum	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Ileum	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Jejunum	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Hepatocellular Adenoma						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

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B6C3F1/NCTR Mouse Female
5.0%ETH/10PPMURE

DAY ON TEST	765	765	721	765	745	765	765	765	765	765	765	765	765	765	765	754	765	
ANIMAL ID	0084 8	0084 9	0087 8	0091 2	0094 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0115 2	0120 9	*TOTALS
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Mast Cell Tumor Malignant																		1
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Squamous Cell Papilloma	X							X										3
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Mast Cell Tumor Malignant																		1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endocrine System																		
Adrenal Gland, Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	46
Subcapsular, Carcinoma																		1
Adrenal Gland, Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	44
Pheochromocytoma Malignant																		1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Adenoma																		1
Sarcoma, Metastatic, Skin																		1
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	41
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Pars Distalis, Adenoma				X						X					X			6
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48

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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE

DAY ON TEST	765	765	721	765	745	765	765	765	765	765	765	765	765	765	765	754	765	
ANIMAL ID	0084 8	0084 9	0087 8	0091 2	0094 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0115 2	0120 9	*TOTALS
General Body System																		
Tissue NOS																		1
Thoracic, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Genital System																		
Clitoral Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	M	M	M	+	41
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Cystadenoma						X												1
Sarcoma, Metastatic, Skin																		1
Teratoma Malignant																		1
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Endometrium, Adenoma																		1
Hemangioma																		1
Hemangiosarcoma																X		2
Polyp Stromal																		1
Vagina	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Sarcoma, Metastatic, Skin								X										1
Hematopoietic System																		
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Lymph Node					+		+				+					+		7
Axillary, Sarcoma, Metastatic, Skin					X													1

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B6C3F1/NCTR Mouse Female 5.0%ETH/10PPMURE																		
DAY ON TEST	765	765	721	765	745	765	765	765	765	765	765	765	765	765	765	754	765	
ANIMAL ID	0084 8	0084 9	0087 8	0091 2	0094 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0115 2	0120 9	*TOTALS
Lumbar, Sarcoma, Metastatic, Skin																X		1
Renal, Sarcoma, Metastatic, Skin																X		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			X		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	721	765	745	765	765	765	765	765	765	765	765	765	765	754	765	
ANIMAL ID	008 48	008 49	008 78	009 12	009 42	009 71	009 72	009 73	010 41	010 42	010 43	010 88	010 89	011 41	011 42	011 52	012 09	*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	X						8
Alveolar/Bronchiolar Adenoma, Multiple															X			2
Alveolar/Bronchiolar Carcinoma									X								X	5
Alveolar/Bronchiolar Carcinoma, Multiple	X																	2
Sarcoma, Metastatic, Skin			X		X			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	721	765	745	765	765	765	765	765	765	765	765	765	765	754	765	
ANIMAL ID	0084 8	0084 9	0087 8	0091 2	0094 2	0097 1	0097 2	0097 3	0104 1	0104 2	0104 3	0108 8	0108 9	0114 1	0114 2	0115 2	0120 9	*TOTALS
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Adenoma			X					X	X		X	X				X		7
Bilateral, Carcinoma															X			1
Carcinoma		X		X		X	X			X								10
Lacrimal Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	45
Mast Cell Tumor Malignant																		1
Zymbal's Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	46
Urinary System																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Mast Cell Tumor Malignant																		1
Sarcoma, Metastatic, Skin																X		2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
SYSTEMIC LESIONS																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Leukemia																		1
Lymphoma Malignant							X				X							6

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:07
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
5.0%ETH/30PPMURE

DAY ON TEST	028	038	063	058	061	057	067	068	059	068	067	064	066	070	073	068	076	076	071	076	076	076	076	076	074	076	076	076	076	076	075
ANIMAL ID	0007	0009	0025	0022	0027	0029	0031	0032	0033	0033	0036	0038	0042	0046	0048	0050	0053	0054	0059	0061	0060	0060	0064	0064	0068	0071	0076	0080	0080	0080	0080
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large										+							+	+		+	+	+									
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+			+				+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+		+	+	+	+	+	+		+	+	+	+	+	+			+				+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+		+	+	+	M		+		+	+	+	+	+	+			+				+	+	+	+	+	+	+	+	+
Intestine Small			+							+								+		+	+	+					+				
Intestine Small, Duodenum	+	+		+	+	+	+	+	+		+	+	+	+	+	+			+				+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+		+	+	+	+	+	+		+	+	+	+	+	+	+		+				+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+		+	+	+	+	+	+		+	+	+	+	+	+			+				+	+	+	+	+	+	+	+	+
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				

* ..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	028 5	038 0	063 8	058 1	061 3	057 7	067 0	068 7	059 8	068 8	067 5	064 2	066 3	070 2	073 0	068 5	076 6	076 6	071 6	076 5	076 5	076 5	076 5	076 5	074 6	076 5	076 5	076 5	076 5	076 5	075 2
ANIMAL ID	0007 1	0009 6	0025 2	0022 7	0027 6	0029 2	0031 3	0032 3	0033 1	0033 9	0036 6	0038 4	0042 2	0046 5	0048 5	0050 8	0053 9	0054 0	0059 9	0060 1	0060 2	0060 3	0064 6	0064 7	0068 4	0071 6	0071 7	0080 3	0080 4	0080 5	0080 7
Stomach, Glandular	+	+		+	+	+	+		+		+	+	+	+	+	+			+				+	+	+	+	+	+	+	+	+
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																															
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
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							
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M
Pituitary Gland	+	+	+	+	M	M	M	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma																		X			X					X					
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+

* ..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	028 5	038 0	063 8	058 1	061 3	057 7	067 0	068 7	059 8	068 8	067 5	064 2	066 3	070 2	073 0	068 5	076 6	076 6	071 6	076 5	076 5	076 5	076 5	076 5	074 6	076 5	076 5	076 5	076 5	076 5	075 2
ANIMAL ID	0007 1	0009 6	0025 2	0027 2	0027 6	0029 2	0031 3	0032 3	0033 1	0033 9	0036 6	0038 4	0042 2	0046 5	0048 5	0050 8	0053 9	0054 0	0059 9	0060 1	0060 2	0060 3	0064 6	0064 7	0068 4	0071 6	0071 7	0080 3	0080 4	0080 5	0080 7
Follicular Cel, Adenoma																															
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma, Tubular																															
Cystadenoma																										X					
Granulosa Cell Tumor Benign														X		X							X								
Granulosa Cell Tumor Malignant										X																					
Hemangioma																		X													
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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:08
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
5.0%ETH/30PPMURE

DAY ON TEST	028 5	038 0	063 8	058 1	061 3	057 7	067 0	068 7	059 8	068 8	067 5	064 2	066 3	070 2	073 0	068 5	076 6	076 6	071 6	076 5	076 5	076 5	076 5	076 5	074 6	076 5	076 5	076 5	076 5	076 5	075 2
ANIMAL ID	0071	0096	0252	0272	0276	0292	0313	0323	0331	0339	0366	0384	0422	0465	0485	0508	0539	0540	0599	0601	0602	0603	0646	0647	0684	0716	0717	0803	0804	0805	0807
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	638	581	613	577	670	687	598	688	675	642	663	702	730	685	766	766	716	765	765	765	765	765	765	746	765	765	765	765	765	752
ANIMAL ID	0071	0096	0052	0072	0076	0092	0313	0323	0331	0339	0366	0384	0422	0465	0485	0508	0539	0540	0599	0601	0602	0603	0646	0647	0684	0716	0717	0803	0804	0805	0807
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								X		
Alveolar/Bronchiolar Adenoma, Multiple																							X					X			
Alveolar/Bronchiolar Carcinoma							X										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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:09
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
5.0%ETH/30PPMURE

DAY ON TEST	028	038	063	058	061	057	067	068	059	068	067	064	066	070	073	068	076	076	071	076	076	076	076	076	074	076	076	076	076	076	075
ANIMAL ID	0071	0096	0052	0072	0076	0092	0013	0023	0031	0039	0066	0084	0042	0065	0085	0058	0039	0040	0059	0061	0062	0063	0064	0047	0068	0071	0077	0083	0084	0085	0087
Special Senses System																															
Ear																							+								
Squamous Cell Papilloma																							X								
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma													X			X										X			X		
Bilateral, Carcinoma																				X											
Carcinoma																		X				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						
Lymphoma Malignant	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	745	765	765	765	765	765	765	765	765	765	745	765	765	765	765	
ANIMAL ID	0086 6	0086 7	0087 4	0093 7	0093 8	0093 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0110 6	0114 3	0114 4	0114 5	0121 3	*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	+		+	+	+	+	+	+	+	+	+	+	A	+	+	+	M	38
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	41
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	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
\+ ..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	745	765	765	765	765	765	765	765	765	765	745	765	765	765	765	
ANIMAL ID	00866	00867	00874	00937	00938	00993	00994	00995	01046	01047	01048	01093	01106	01143	01144	01145	01213	*TOTALS
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	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											X				3
Parathyroid Gland	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	+	M	41
Pituitary Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	40
Pars Distalis, Adenoma		X							X									5
Thyroid Gland	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	M	45

* ..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	745	765	765	765	765	765	765	765	765	765	745	765	765	765	765	
ANIMAL ID	0086 6	0086 7	0087 4	0093 7	0093 8	0093 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0110 6	0114 3	0114 4	0114 5	0121 3	*TOTALS
Follicular Cel, Adenoma		X																1
General Body System																		
NONE																		
Genital System																		
Clitoral Gland	+	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																		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

* ..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	745	765	765	765	765	765	765	765	765	765	745	765	765	765	765	
ANIMAL ID	0086 6	0086 7	0087 4	0093 7	0093 8	0093 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0110 6	0114 3	0114 4	0114 5	0121 3	*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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\+ ..Tissue examined microscopically
X ..Lesion present
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M ..Missing tissue
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B6C3F1/NCTR Mouse Female 5.0%ETH/30PPMURE																		
DAY ON TEST	765	765	745	765	765	765	765	765	765	765	765	765	745	765	765	765	765	
ANIMAL ID	0086 6	0086 7	0087 4	0093 7	0093 8	0093 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0110 6	0114 3	0114 4	0114 5	0121 3	*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	15
Alveolar/Bronchiolar Adenoma, Multiple										X								3
Alveolar/Bronchiolar Carcinoma						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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B6C3F1/NCTR Mouse Female
5.0%ETH/30PPMURE

DAY ON TEST	765	765	745	765	765	765	765	765	765	765	765	765	745	765	765	765	765	
ANIMAL ID	0086 6	0086 7	0087 4	0093 7	0093 8	0099 3	0099 4	0099 5	0104 6	0104 7	0104 8	0109 3	0110 6	0114 3	0114 4	0114 5	0121 3	*TOTALS
Special Senses System																		
Ear																		1
Squamous Cell Papilloma																		1
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	47
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	46
Adenoma													X	X				6
Bilateral, Carcinoma																		1
Carcinoma	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													X					3
Lymphoma Malignant		X	X												X			15

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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:10
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE

DAY ON TEST	0249	0459	0433	0485	0478	0496	0573	0559	0594	0569	0592	0614	0594	0633	0598	0633	0603	0673	0645	0681	0661	0643	0654	0629	0661	0675	0654	0675	0662	0717	0745
ANIMAL ID	0070	0123	0125	0126	0134	0160	0187	0188	0209	0231	0234	0236	0259	0265	0266	0267	0301	0325	0327	0328	0332	0336	0343	0364	0365	0372	0391	0413	0429	0450	0466
Alimentary System																															
Esophagus	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	A	A	A	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	A	A	A	+
Sarcoma, Metastatic, Skin																															
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	+	A	A	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	A	A	A	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	A	A	A	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	A	M	+	+	+	+	+	+	+	+	+	A	A	A	+
Hemangioma																						X									
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma				X										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	049	043	048	047	049	057	055	059	056	059	061	059	063	059	063	060	067	064	068	066	064	065	062	066	067	065	067	066	071	074
ANIMAL ID	0070	0123	0125	0126	0134	0160	0187	0188	0209	0231	0234	0236	0259	0265	0266	0267	0301	0325	0327	0328	0332	0336	0343	0364	0365	0372	0391	0413	0429	0450	0466
Sarcoma, Metastatic, Skin																															
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	A	+
Mast Cell Tumor Malignant																										X					
Stomach, Glandular	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	A	+
Sarcoma, Metastatic, Skin																															
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M
Cardiovascular System																															
Blood Vessel	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																					X										
Hemangiosarcoma																	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	+	+	+
Pituitary Gland	+	+	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	045	043	048	047	049	057	055	059	056	059	061	059	063	059	063	060	067	064	068	066	064	065	062	066	067	065	067	066	071	074
ANIMAL ID	0070	0123	0125	0126	0134	0160	0187	0188	0209	0231	0234	0236	0259	0265	0266	0267	0301	0325	0327	0328	0332	0336	0343	0364	0365	0372	0391	0413	0429	0450	0466
Thyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																								X							
General Body System																															
Tissue NOS																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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	045	043	048	047	049	057	055	059	056	059	061	059	063	059	063	060	067	064	068	066	064	065	062	066	067	065	067	066	071	074
ANIMAL ID	0070	0123	0125	0126	0134	0160	0187	0188	0209	0231	0234	0236	0259	0265	0266	0267	0301	0325	0327	0328	0332	0336	0343	0364	0365	0372	0391	0413	0429	0450	0466
Renal, Sarcoma Stromal, Metastatic, Uterus					X																										
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Mast Cell Tumor Malignant																										X					
Lymph Node, Mesenteric	+	+	+	+	+	A	+	+	A	A	+	+	+	+	+	+	+	M	M	+	+	M	+	+	+	+	+	A	A	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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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																														
DAY ON TEST	024 9	045 9	043 3	048 5	047 8	049 6	057 3	055 9	059 4	056 9	059 2	061 4	059 4	063 3	059 8	063 3	060 3	067 3	064 5	068 1	066 1	064 3	065 4	062 9	066 1	067 5	065 4	067 5	066 2	071 7	074 5
ANIMAL ID	0070	0123	0125	0126	0134	0160	0187	0188	0209	0231	0234	0236	0259	0265	0266	0267	0301	0325	0327	0328	0332	0336	0343	0364	0365	0372	0391	0413	0429	0450	0466
Sarcoma							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	024 9	045 9	043 3	048 5	047 8	049 6	057 3	055 9	059 4	056 9	059 2	061 4	059 4	063 3	059 8	063 3	060 3	067 3	064 5	068 1	066 1	064 3	065 4	062 9	066 1	067 5	065 4	067 5	066 2	071 7	074 5
ANIMAL ID	0070	0123	0125	0126	0134	0160	0187	0188	0209	0231	0234	0236	0259	0265	0266	0267	0301	0325	0327	0328	0332	0336	0343	0364	0365	0372	0391	0413	0429	0450	0466
Adenocarcinoma, Metastatic, Mammary Gland												X																			
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	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					
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

P07: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Urethane + ethanol (combination)
CAS Number: URETHCOMB

Date Report Requested: 10/18/2014
Time Report Requested: 00:21:12
First Dose M/F: NA / NA
Lab: NCTR

B6C3F1/NCTR Mouse Female
5.0%ETH/90PPMURE

DAY ON TEST	024	045	043	048	047	049	057	055	059	056	059	061	059	063	059	063	060	067	064	068	066	064	065	062	066	067	065	067	062	071	074
ANIMAL ID	0070	0123	0125	0126	0134	0160	0187	0188	0209	0231	0234	0236	0259	0265	0266	0267	0301	0325	0327	0328	0332	0336	0343	0364	0365	0372	0391	0413	0429	0450	0466
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																															
Lymphoma Malignant		X	X			X				X			X														X				X

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DAY ON TEST	070 0	068 4	067 0	075 1	067 4	072 5	070 2	076 5	076 5	072 5	072 6	076 2	071 9	074 9	075 7	076 5	076 5	
ANIMAL ID	004 82	004 97	005 04	005 36	005 37	005 63	006 00	006 04	006 52	006 87	006 93	008 14	008 77	010 02	010 05	011 02	012 21	*TOTALS
Alimentary System																		
Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Gallbladder	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42
Sarcoma, Metastatic, Skin						X												1
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	44
Intestine Small, Duodenum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	40
Intestine Small, Ileum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	40
Intestine Small, Jejunum	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	40
Hemangioma																		1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Hemangiosarcoma				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	700	684	670	751	674	725	702	765	765	725	726	762	719	749	757	765	765	
ANIMAL ID	0048 2	0049 7	0050 4	0053 6	0053 7	0056 3	0060 0	0060 4	0065 2	0068 7	0069 3	0081 4	0087 7	0100 2	0100 5	0110 2	0122 1	*TOTALS
Sarcoma, Metastatic, Skin						X												1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Mast Cell Tumor Malignant																		1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Sarcoma, Metastatic, Skin						X												1
Tongue	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	46
Cardiovascular System																		
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																		1
Hemangiosarcoma	X	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	+	+	+	M	+	+	+	+	+	+	+	+	+	36
Pituitary Gland	+	M	+	+	M	+	+	+	+	+	+	+	M	+	+	+	+	38
Pars Distalis, Adenoma											X							1

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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																		
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ANIMAL ID	0048 2	0049 7	0050 4	0053 6	0053 7	0056 3	0060 0	0060 4	0065 2	0068 7	0069 3	0081 4	0087 7	0100 2	0100 5	0110 2	0122 1	*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	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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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																		
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ANIMAL ID	0048 2	0049 7	0050 4	0053 6	0053 7	0056 3	0060 0	0060 4	0065 2	0068 7	0069 3	0081 4	0087 7	0100 2	0100 5	0110 2	0122 1	*TOTALS
Renal, Sarcoma Stromal, Metastatic, Uterus																		1
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	47
Mast Cell Tumor Malignant																		1
Lymph Node, Mesenteric	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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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B6C3F1/NCTR Mouse Female 5.0%ETH/90PPMURE																		
DAY ON TEST	700	684	670	751	674	725	702	765	765	725	726	762	719	749	757	765	765	
ANIMAL ID	0048 2	0049 7	0050 4	0053 6	0053 7	0056 3	0060 0	0060 4	0065 2	0068 7	0069 3	0081 4	0087 7	0100 2	0100 5	0110 2	0122 1	*TOTALS
Sarcoma		X	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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ANIMAL ID	0048 2	0049 7	0050 4	0053 6	0053 7	0056 3	0060 0	0060 4	0060 5 2	0060 8 7	0060 9 3	0081 4	0087 7	0100 2	0100 5	0110 2	0122 1	*TOTALS
Adenocarcinoma, Metastatic, Mammary Gland																		1
Alveolar/Bronchiolar Adenoma											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		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												X	6
Carcinoma		X								X	X							10
Lacrimal Gland	+	M	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	43
Zymbal's Gland	+	+	+	M	+	+	M	+	+	+	M	+	+	+	+	+	+	40

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ANIMAL ID	0048 2	0049 7	0050 4	0053 6	0053 7	0056 3	0060 0	0060 4	0065 2	0068 7	0069 3	0081 4	0087 7	0100 2	0100 5	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							X						2
Lymphoma Malignant		X	X					X										10

** END OF REPORT **

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