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Brain

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1018					
Ventricular dilation	6	0.59	0.78	5.80	0.00	50.00
Hemorrhage	1	0.10	0.09	0.76	0.00	6.67
Mineralization	1	0.10	0.09	0.76	0.00	6.67
Mononuclear cell foci	1	0.10	0.06	0.57	0.00	5.00
Neuronophagia / Satellitosis	3	0.29	0.39	3.42	0.00	30.00
Nerve fiber degeneration	1	0.10	0.13	1.14	0.00	10.00
Submeningeal gliosis	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	966					
Ventricular dilation	3	0.31	0.33	2.37	0.00	20.00
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Mineralization	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Neuronophagia / Satellitosis	0	0.00	0.00	0.00	0.00	0.00
Nerve fiber degeneration	0	0.00	0.00	0.00	0.00	0.00
Submeningeal gliosis	1	0.10	0.13	1.15	0.00	10.00

Pineal Gland *

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1					
Mononuclear cell foci	1	100.00	100.00	0.00	100.00	100.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	0					
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00

* particular lesions only

Spinal Cord

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	922					
Hemorrhage	1	0.11	0.12	0.98	0.00	8.33
Mineralization	1	0.11	0.09	0.79	0.00	6.67
Mononuclear cell foci	1	0.11	0.09	0.79	0.00	6.67

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	896					
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Mineralization	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00

Sciatic Nerve

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1003					
Nerve fiber degeneration	21	2.09	2.27	5.16	0.00	20.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	961					
Nerve fiber degeneration	48	4.99	5.02	9.18	0.00	40.00

Optic Nerves

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	967					
Pigment	0	0.00	0.00	0.00	0.00	0.00
Degeneration	0	0.00	0.00	0.00	0.00	0.00
Gliosis	1	0.10	0.07	0.58	0.00	5.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	911					
Pigment	1	0.11	0.09	0.79	0.00	6.67
Degeneration	1	0.11	0.07	0.59	0.00	5.00
Gliosis	0	0.00	0.00	0.00	0.00	0.00

Eyes

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	905					
Anomaly	1	0.11	0.14	1.19	0.00	10.00
Cyst	0	0.00	0.00	0.00	0.00	0.00
Hemorrhage	194	21.44	21.78	31.25	0.00	100.00
Hemosiderin	2	0.22	0.19	1.58	0.00	13.33
Mineralization	3	0.33	0.35	1.76	0.00	10.00
Corneal mineralization	12	1.33	1.55	9.01	0.00	70.00
Retinal rosettes	2	0.22	0.21	1.32	0.00	10.00
Mononuclear cell foci	1	0.11	0.14	1.19	0.00	10.00
Inflammatory cell foci	8	0.88	1.13	5.99	0.00	40.00
Vacuolar degeneration	2	0.22	1.55	11.91	0.00	100.00
Retinal degeneration	7	0.77	0.77	3.12	0.00	20.00
Corneal erosions	5	0.55	0.70	5.93	0.00	50.00
Keratitis	1	0.11	0.07	0.59	0.00	5.00
Conjunctivitis	0	0.00	0.00	0.00	0.00	0.00
Keratoconjunctivitis	0	0.00	0.00	0.00	0.00	0.00
Periorbital inflammation	80	8.84	9.37	17.91	0.00	70.00
Panophthalmitis	1	0.11	1.41	11.87	0.00	100.00
Periorbital fibrosis	3	0.33	0.42	3.56	0.00	30.00
Phthisis bulbi	0	0.00	0.00	0.00	0.00	0.00
Muscle degeneration	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Retroorbital inflammation	2	0.22	0.28	2.37	0.00	20.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	852					
Anomaly	0	0.00	0.00	0.00	0.00	0.00
Cyst	1	0.12	0.15	1.22	0.00	10.00
Hemorrhage	196	23.00	24.30	34.68	0.00	100.00
Hemosiderin	9	1.06	0.80	3.22	0.00	15.00
Mineralization	0	0.00	0.00	0.00	0.00	0.00
Corneal mineralization	8	0.94	1.19	7.08	0.00	50.00
Retinal rosettes	3	0.35	0.45	2.72	0.00	20.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Inflammatory cell foci	5	0.59	0.75	4.01	0.00	30.00
Vacuolar degeneration	0	0.00	0.00	0.00	0.00	0.00
Retinal degeneration	8	0.94	0.97	6.35	0.00	50.00
Corneal erosions	3	0.35	0.45	3.67	0.00	30.00
Keratitis	1	0.12	0.15	1.22	0.00	10.00
Conjunctivitis	1	0.12	0.15	1.22	0.00	10.00
Keratoconjunctivitis	2	0.23	0.30	2.44	0.00	20.00
Periorbital inflammation	108	12.68	13.56	24.49	0.00	80.00
Panophthalmitis	0	0.00	0.00	0.00	0.00	0.00
Periorbital fibrosis	1	0.12	0.15	1.22	0.00	10.00
Phthisis bulbi	1	0.12	0.07	0.61	0.00	5.00
Muscle degeneration	1	0.12	0.15	1.22	0.00	10.00
Fibrosis	8	0.94	0.60	3.43	0.00	20.00
Retroorbital inflammation	1	0.12	0.15	1.22	0.00	10.00

Harderian Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	740					
Glandular dilation	3	0.41	0.44	2.27	0.00	13.33
Porphyrin deposition	271	36.62	39.36	41.76	0.00	100.00
Hemorrhage	87	11.76	14.18	22.44	0.00	80.00
Hemosiderin	1	0.14	0.13	0.92	0.00	6.67
Mononuclear cell foci	29	3.92	3.74	7.79	0.00	30.00
Inflammatory cell foci	6	0.81	1.13	5.06	0.00	30.00
Arteritis/Periarteritis	1	0.14	0.19	1.37	0.00	10.00
Necrosis	6	0.81	0.72	3.23	0.00	20.00
Inflammation	89	12.03	14.68	20.21	0.00	100.00
Fibrosis	4	0.54	0.69	4.20	0.00	30.00
Atrophy	7	0.95	1.10	5.01	0.00	30.00
Degeneration/ Regeneration focal	1	0.14	0.21	1.53	0.00	11.11

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	696					
Glandular dilation	8	1.15	1.31	4.95	0.00	26.67
Porphyrin deposition	224	32.18	32.79	38.80	0.00	100.00
Hemorrhage	79	11.35	11.63	19.38	0.00	70.00
Hemosiderin	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	27	3.88	3.64	7.19	0.00	30.00
Inflammatory cell foci	6	0.86	1.18	5.88	0.00	40.00
Arteritis/Periarteritis	1	0.14	0.20	1.40	0.00	10.00
Necrosis	9	1.29	1.13	3.82	0.00	20.00
Inflammation	82	11.78	13.83	18.94	0.00	100.00
Fibrosis	3	0.43	0.46	2.31	0.00	13.33
Atrophy	0	0.00	0.00	0.00	0.00	0.00
Degeneration/ Regeneration focal	0	0.00	0.00	0.00	0.00	0.00

Exorbital Lacrimal Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	353					
Cyto/karyomegaly	1	0.28	3.33	18.26	0.00	100.00
Harderian alteration	22	6.23	23.83	39.51	0.00	100.00
Mononuclear cell foci	3	0.85	6.94	25.34	0.00	100.00
Inflammation	3	0.85	0.50	2.74	0.00	15.00
Atrophy	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	306					
Cyto/karyomegaly	0	0.00	0.00	0.00	0.00	0.00
Harderian alteration	1	0.33	0.23	1.07	0.00	5.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Inflammation	1	0.33	0.23	1.07	0.00	5.00
Atrophy	1	0.33	0.23	1.07	0.00	5.00

Zymbal's Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	200					
Cystic change	1	0.50	0.42	1.44	0.00	5.00
Mononuclear cel foci	1	0.50	0.42	1.44	0.00	5.00
Cystic duct	1	0.50	0.83	2.89	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	187					
Cystic change	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cel foci	1	0.53	0.45	1.51	0.00	5.00
Cystic duct	0	0.00	0.00	0.00	0.00	0.00

Aorta

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	968					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	926					

Heart

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1023					
Pigment	1	0.10	0.09	0.75	0.00	6.67
Endocardiosis	1	0.10	0.13	1.13	0.00	10.00
Mononuclear cell foci	104	10.17	10.53	15.13	0.00	60.00
Truncus aorticus, lymphocytes	0	0.00	0.00	0.00	0.00	0.00
Inflammatory infiltration	2	0.20	0.26	2.26	0.00	20.00
Necrosis	102	9.97	10.49	16.13	0.00	80.00
Myofibrosis/necrosis	7	0.68	0.90	5.14	0.00	40.00
Myocarditis	18	1.76	2.31	7.01	0.00	30.00
Fibrosis	11	1.08	1.00	3.43	0.00	20.00
Cardiomyopathy	31	3.03	2.89	6.93	0.00	30.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	971					
Pigment	0	0.00	0.00	0.00	0.00	0.00
Endocardiosis	2	0.21	0.13	0.81	0.00	5.00
Mononuclear cell foci	61	6.28	6.54	12.93	0.00	60.00
Truncus aorticus, lymphocytes	1	0.10	0.13	1.15	0.00	10.00
Inflammatory infiltration	0	0.00	0.00	0.00	0.00	0.00
Necrosis	27	2.78	2.94	7.55	0.00	40.00
Myofibrosis/necrosis	4	0.41	0.53	2.25	0.00	10.00
Myocarditis	5	0.51	0.66	3.40	0.00	20.00
Fibrosis	2	0.21	0.09	0.76	0.00	6.67
Cardiomyopathy	9	0.93	0.91	4.59	0.00	33.33

Nasopharyngeal Duct

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	22					
Hemorrhage	1	4.55	4.17	5.89	0.00	8.33

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	22					
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00

Nasal Cavities

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	568					
Cyst(s)	1	0.18	0.13	0.81	0.00	5.00
Foreign particles, food	1	0.18	0.18	1.08	0.00	6.67
Goblet proliferation	26	4.58	4.43	12.71	0.00	55.00
Muco-granulocytic exudate	1	0.18	0.18	1.08	0.00	6.67
Focal mineralization	1	0.18	0.13	0.81	0.00	5.00
Mononuclear cell foci	1	0.18	0.13	0.81	0.00	5.00
Peridontitis	5	0.88	0.66	4.06	0.00	25.00
Inflammation	6	1.06	1.23	5.57	0.00	33.33
Squamous cell metaplasia	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	527					
Cyst(s)	1	0.19	0.14	0.82	0.00	5.00
Foreign particles, food	0	0.00	0.00	0.00	0.00	0.00
Goblet proliferation	24	4.55	4.19	10.17	0.00	40.00
Muco-granulocytic exudate	0	0.00	0.00	0.00	0.00	0.00
Focal mineralization	2	0.38	0.27	1.15	0.00	5.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Peridontitis	1	0.19	0.14	0.82	0.00	5.00
Inflammation	3	0.57	0.41	1.38	0.00	5.00
Squamous cell metaplasia	2	0.38	0.27	1.64	0.00	10.00

Nasal Cavity, Level 1

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	84					
Goblet cell proliferation	7	8.33	9.72	23.81	0.00	58.33
Squamous cell metaplasia	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	84					
Goblet cell proliferation	4	4.76	5.56	10.09	0.00	25.00
Squamous cell metaplasia	1	1.19	1.67	4.08	0.00	10.00

Nasal Cavity, Level 2

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	84					
Goblet cell proliferation	1	1.19	1.39	3.40	0.00	8.33
Squamous cell mataplasia	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	84					
Goblet cell proliferation	3	3.57	4.17	6.97	0.00	16.67
Squamous cell mataplasia	1	1.19	1.67	4.08	0.00	10.00

Nasal Cavity, Level 3

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	30					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	30					

Nasal Cavity, Level 4

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	30					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	30					

Pharynx

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	83					
Cystic glandular ducts	1	1.20	16.67	40.82	0.00	100.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	43					
Cystic glandular ducts	1	2.33	20.00	44.72	0.00	100.00

Larynx

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	182					
Glandular dilation	6	3.30	5.00	17.32	0.00	60.00
Mononuclear cell foci	11	6.04	4.58	13.05	0.00	45.00
Inflammation	2	1.10	0.42	1.44	0.00	5.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	142					
Glandular dilation	1	0.70	0.91	3.02	0.00	10.00
Mononuclear cell foci	6	4.23	2.73	6.07	0.00	15.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Larynx, Level 3

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	40					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	0					

Larynx, Level 5

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	40					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	0					

Larynx, Level 6

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	60					
Mononuclear cell foci	6	10.00	15.00	21.21	0.00	30.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	20					
Mononuclear cell foci	3	15.00	15.00	0.00	15.00	15.00

Trachea

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	983					
Distended glands	144	14.65	15.56	21.88	0.00	100.00
Pigment deposition	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	145	14.75	14.10	24.02	0.00	100.00
Inflammatory cell foci	2	0.20	0.27	1.63	0.00	10.00
Inflammation	10	1.02	1.04	6.41	0.00	46.67

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	939					
Distended glands	130	13.84	15.64	23.58	0.00	100.00
Pigment deposition	1	0.11	0.09	0.78	0.00	6.67
Mononuclear cell foci	128	13.63	12.88	23.18	0.00	100.00
Inflammatory cell foci	5	0.53	0.68	5.85	0.00	50.00
Inflammation	13	1.38	1.44	8.02	0.00	60.00

Lungs

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1023					
Inflammation	5	0.49	0.60	3.63	0.00	30.00
Granuloma	17	1.66	1.56	5.84	0.00	35.00
Hyperplasia of BALT	24	2.35	2.56	9.00	0.00	60.00
Bronch.-alv. hyperplasia	5	0.49	0.62	4.61	0.00	40.00
Congestion	12	1.17	1.18	4.13	0.00	30.00
Atelectasis	2	0.20	0.18	1.13	0.00	8.33
Emphysema	2	0.20	0.24	1.46	0.00	10.00
Hair embolus	1	0.10	0.13	1.13	0.00	10.00
Osseous metaplasia	30	2.93	3.03	5.57	0.00	20.00
Hemorrhage	18	1.76	1.67	4.64	0.00	26.67
Perivascular edema	3	0.29	0.26	2.26	0.00	20.00
Alveolar Edema	1	0.10	0.13	1.13	0.00	10.00
Pigment deposition	3	0.29	0.21	1.35	0.00	10.00
Pigment-laden alveolar macrophage	1	0.10	0.13	1.13	0.00	10.00
Vascular calcification	251	24.54	26.65	33.51	0.00	100.00
Alveolar histiocytosis	240	23.46	23.66	22.47	0.00	90.00
Mononuclear cell foci	65	6.35	6.32	12.39	0.00	60.00
Perivascular cuffing	7	0.68	0.53	2.97	0.00	20.00
Inflammatory cell foci	22	2.15	2.16	7.28	0.00	50.00
Thrombosis	0	0.00	0.00	0.00	0.00	0.00
Alveolitis	23	2.25	2.74	9.22	0.00	60.00
Bronchial inflammation	0	0.00	0.00	0.00	0.00	0.00
Bronchopneumonia	3	0.29	0.19	1.70	0.00	15.00
Interstitial inflammation	1	0.10	0.13	1.13	0.00	10.00
Perivascular inflammation	10	0.98	1.15	5.34	0.00	40.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	970					
Inflammation	14	1.44	1.25	7.31	0.00	50.00
Granuloma	21	2.16	1.56	8.23	0.00	70.00
Hyperplasia of BALT	17	1.75	1.92	8.29	0.00	53.33
Bronch.-alv. hyperplasia	5	0.52	0.64	4.67	0.00	40.00
Congestion	5	0.52	0.54	2.16	0.00	11.11
Atelectasis	4	0.41	0.48	2.48	0.00	16.67
Emphysema	4	0.41	0.53	2.78	0.00	20.00
Hair embolus	1	0.10	0.13	1.15	0.00	10.00
Osseous metaplasia	19	1.96	2.25	4.84	0.00	20.00
Hemorrhage	5	0.52	0.46	1.86	0.00	10.00
Perivascular edema	3	0.31	0.26	2.29	0.00	20.00
Alveolar Edema	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	3	0.31	0.20	1.72	0.00	15.00
Pigment-laden alveolar macrophage	1	0.10	0.13	1.15	0.00	10.00
Vascular calcification	182	18.76	19.07	26.26	0.00	90.00
Alveolar histiocytosis	194	20.00	20.34	23.16	0.00	90.00
Mononuclear cell foci	31	3.20	2.98	6.34	0.00	40.00
Perivascular cuffing	6	0.62	0.42	2.55	0.00	16.67
Inflammatory cell foci	17	1.75	2.05	9.17	0.00	70.00
Thrombosis	1	0.10	0.13	1.15	0.00	10.00
Alveolitis	28	2.89	3.24	9.75	0.00	66.67
Bronchial inflammation	1	0.10	0.09	0.76	0.00	6.67
Bronchopneumonia	1	0.10	0.07	0.57	0.00	5.00
Interstitial inflammation	0	0.00	0.00	0.00	0.00	0.00
Perivascular inflammation	7	0.72	0.90	5.90	0.00	50.00

Tracheal bifurction, carina & mainstem bronchi*

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	10					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	10					

*particular Studies only

Pituitary Gland

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	988					
Anomaly	2	0.20	0.27	1.62	0.00	10.00
Stomatodeal cell remnants	1	0.10	0.13	1.15	0.00	10.00
Cyst(s)/clefts	96	9.72	9.09	8.91	0.00	40.00
Cystic Rathke's cleft	21	2.13	2.22	8.76	0.00	66.67
Cholesterol clefts	5	0.51	0.44	3.85	0.00	33.33
Congestion	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	0	0.00	0.00	0.00	0.00	0.00
Vacuolation	12	1.21	0.93	6.19	0.00	50.00
Inflammatory cell foci	1	0.10	0.09	0.77	0.00	6.67
Hypertrophy	9	0.91	0.94	5.32	0.00	40.00
Hypertrophy/ hyperplasia (Chromophobe cells)	1	0.10	0.13	1.15	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	936					
Anomaly	0	0.00	0.00	0.00	0.00	0.00
Stomatodeal cell remnants	0	0.00	0.00	0.00	0.00	0.00
Cyst(s)/clefts	54	5.77	5.35	6.79	0.00	30.00
Cystic Rathke's cleft	47	5.02	4.95	13.79	0.00	86.67
Cholesterol clefts	1	0.11	0.09	0.78	0.00	6.67
Congestion	1	0.11	0.07	0.59	0.00	5.00
Pigment deposition	1	0.11	0.09	0.78	0.00	6.67
Vacuolation	0	0.00	0.00	0.00	0.00	0.00
Inflammatory cell foci	1	0.11	0.07	0.59	0.00	5.00
Hypertrophy	4	0.43	0.55	4.68	0.00	40.00
Hypertrophy/ hyperplasia (Chromophobe cells)	0	0.00	0.00	0.00	0.00	0.00

Adrenals

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	998					
Accessory cortical tissue	4	0.40	0.26	1.16	0.00	6.67
Angiectasis	0	0.00	0.00	0.00	0.00	0.00
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	1	0.10	0.09	0.76	0.00	6.67
Vacuolation, cortical	21	2.10	1.51	6.64	0.00	36.67
Mononuclear cell foci	2	0.20	0.15	0.95	0.00	6.67
Necrosis	0	0.00	0.00	0.00	0.00	0.00
Atrophy: fasciculata	2	0.20	0.09	0.76	0.00	6.67
Fibrosis	1	0.10	0.09	0.76	0.00	6.67
Diffuse hypertrophy	0	0.00	0.00	0.00	0.00	0.00
Cortical hyperplasia	2	0.20	0.20	1.28	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	946					
Accessory cortical tissue	3	0.32	0.18	0.90	0.00	5.00
Angiectasis	1	0.11	0.05	0.39	0.00	3.33
Hemorrhage	1	0.11	0.14	1.16	0.00	10.00
Pigment deposition	0	0.00	0.00	0.00	0.00	0.00
Vacuolation, cortical	2	0.21	0.14	0.86	0.00	6.67
Mononuclear cell foci	7	0.74	0.52	2.60	0.00	20.00
Necrosis	1	0.11	0.05	0.39	0.00	3.33
Atrophy: fasciculata	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	3	0.32	0.23	1.59	0.00	13.33
Diffuse hypertrophy	3	0.32	0.14	1.16	0.00	10.00
Cortical hyperplasia	0	0.00	0.00	0.00	0.00	0.00

Adrenal Cortex

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	993					
Accessory cortical tissue	16	1.61	1.84	5.31	0.00	30.00
Sinusectasia	7	0.70	0.93	8.08	0.00	70.00
Angiectasis	0	0.00	0.00	0.00	0.00	0.00
Congestion	0	0.00	0.00	0.00	0.00	0.00
Mineralization	1	0.10	0.13	1.15	0.00	10.00
Vacuolation	227	22.86	25.11	29.80	0.00	100.00
Lipofuscin	6	0.60	0.80	6.93	0.00	60.00
Hemopoietic foci	0	0.00	0.00	0.00	0.00	0.00
Megakaryocytes	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	1	0.10	0.13	1.15	0.00	10.00
Inflammation	8	0.81	0.84	2.58	0.00	10.00
Fibrosis	1	0.10	0.07	0.58	0.00	5.00
Capsular fibrosis	8	0.81	0.78	2.53	0.00	10.00
Atrophy	2	0.20	0.27	1.62	0.00	10.00
Focal hypertrophy	4	0.40	0.39	1.70	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	932					
Accessory cortical tissue	12	1.29	1.18	3.59	0.00	20.00
Sinusectasia	19	2.04	1.96	9.68	0.00	61.11
Angiectasis	8	0.86	0.93	2.72	0.00	10.00
Congestion	1	0.11	0.07	0.59	0.00	5.00
Mineralization	1	0.11	0.07	0.59	0.00	5.00
Vacuolation	33	3.54	3.22	9.36	0.00	66.67
Lipofuscin	7	0.75	0.97	8.25	0.00	70.00
Hemopoietic foci	3	0.32	0.37	2.28	0.00	16.67
Megakaryocytes	1	0.11	0.07	0.59	0.00	5.00
Mononuclear cell foci	19	2.04	2.01	5.91	0.00	30.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Capsular fibrosis	0	0.00	0.00	0.00	0.00	0.00
Atrophy	2	0.21	0.28	2.36	0.00	20.00
Focal hypertrophy	1	0.11	0.14	1.18	0.00	10.00

Adrenal Medulla

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	993					
Mononuclear cell foci	1	0.10	0.07	0.58	0.00	5.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	942					
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00

Thyroid Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	967					
Thymic remnants	19	1.96	1.62	4.02	0.00	20.00
Ductal remnant	36	3.72	3.52	5.78	0.00	25.00
Lymphoid tissue	0	0.00	0.00	0.00	0.00	0.00
Thyroid dysplasia	16	1.65	5.05	19.81	0.00	100.00
Distended with colloid	1	0.10	0.07	0.57	0.00	5.00
Follicular cyst	4	0.41	0.53	3.61	0.00	30.00
Colloid alteration	1	0.10	0.11	0.96	0.00	8.33
Follicular degeneration	1	0.10	0.13	1.15	0.00	10.00
Mononuclear cell foci	9	0.93	1.03	4.20	0.00	30.00
Chronic inflammation	1	0.10	0.07	0.57	0.00	5.00
Arteritis/periarteritis	1	0.10	0.13	1.15	0.00	10.00
Follicular cell hypertrophy	63	6.51	6.58	17.61	0.00	80.00
C-cell hyperplasia	3	0.31	0.34	1.72	0.00	10.00
Epithelial dysplasia	4	0.41	0.29	2.55	0.00	22.22

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	921					
Thymic remnants	17	1.85	1.60	4.26	0.00	20.00
Ductal remnant	31	3.37	3.26	7.61	0.00	50.00
Lymphoid tissue	2	0.22	0.21	1.31	0.00	10.00
Thyroid dysplasia	9	0.98	0.96	4.21	0.00	30.00
Distended with colloid	0	0.00	0.00	0.00	0.00	0.00
Follicular cyst	3	0.33	0.35	1.75	0.00	10.00
Colloid alteration	0	0.00	0.00	0.00	0.00	0.00
Follicular degeneration	2	0.22	0.28	2.36	0.00	20.00
Mononuclear cell foci	5	0.54	0.57	2.22	0.00	11.11
Chronic inflammation	0	0.00	0.00	0.00	0.00	0.00
Arteritis/periarteritis	0	0.00	0.00	0.00	0.00	0.00
Follicular cell hypertrophy	38	4.13	3.89	10.23	0.00	40.00
C-cell hyperplasia	3	0.33	0.35	2.44	0.00	20.00
Epithelial dysplasia	2	0.22	0.15	1.31	0.00	11.11

Parathyroid Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	918					
Ectopic thymus	1	0.11	0.14	1.17	0.00	10.00
Cyst	1	0.11	0.08	0.65	0.00	5.56
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	4	0.44	0.29	1.73	0.00	10.53

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	935					
Ectopic thymus	0	0.00	0.00	0.00	0.00	0.00
Cyst	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	1	0.11	0.17	1.47	0.00	12.50
Fibrosis	4	0.43	0.47	2.06	0.00	11.11

Pancreas

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	967					
Congestion	3	0.31	0.41	2.60	0.00	20.00
Vacuolation increased	1	0.10	0.14	1.17	0.00	10.00
Incr. vacuolation/dense bodies	1	0.10	0.11	0.98	0.00	8.33
Apoptosis	8	0.83	1.10	9.36	0.00	80.00
Squamous cyst	1	0.10	0.11	0.98	0.00	8.33
Splenic ectopia	0	0.00	0.00	0.00	0.00	0.00
Hemosiderosis	1	0.10	0.15	1.30	0.00	11.11
Basophilic cell foci	7	0.72	0.68	2.92	0.00	20.00
Mononuclear cell foci	15	1.55	1.35	4.08	0.00	26.67
Inflammatory foci	1	0.10	0.14	1.17	0.00	10.00
Exocrine atrophy	63	6.51	7.18	8.63	0.00	30.00
Inflammation	2	0.21	0.29	1.74	0.00	11.11
Peripancreatitis	0	0.00	0.00	0.00	0.00	0.00
Ductular hyperplasia	1	0.10	0.09	0.78	0.00	6.67
Exocrine hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Islet hyperplasia	12	1.24	1.32	7.47	0.00	60.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	936					
Congestion	1	0.11	0.11	0.98	0.00	8.33
Vacuolation increased	0	0.00	0.00	0.00	0.00	0.00
Incr. vacuolation/dense bodies	0	0.00	0.00	0.00	0.00	0.00
Apoptosis	6	0.64	0.82	7.02	0.00	60.00
Squamous cyst	0	0.00	0.00	0.00	0.00	0.00
Splenic ectopia	2	0.21	0.25	1.51	0.00	10.00
Hemosiderosis	0	0.00	0.00	0.00	0.00	0.00
Basophilic cell foci	1	0.11	0.09	0.78	0.00	6.67
Mononuclear cell foci	24	2.56	2.49	7.17	0.00	53.33
Inflammatory foci	4	0.43	0.55	2.83	0.00	20.00
Exocrine atrophy	44	4.70	4.84	7.85	0.00	40.00
Inflammation	2	0.21	0.21	1.30	0.00	10.00
Peripancreatitis	1	0.11	0.14	1.17	0.00	10.00
Ductular hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Exocrine hyperplasia	2	0.21	0.27	1.64	0.00	10.00
Islet hyperplasia	5	0.53	0.68	4.81	0.00	40.00

Liver

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	974					
Cyst	0	0.00	0.00	0.00	0.00	0.00
Hepatodiaphragmatic nodule	0	0.00	0.00	0.00	0.00	0.00
Lobe torsion	1	0.10	0.14	1.16	0.00	10.00
Congestion	4	0.41	0.30	1.43	0.00	10.00
Vacuolization	44	4.52	5.74	19.93	0.00	100.00
Increased glycogen	59	6.06	6.53	19.25	0.00	100.00
Fatty change	134	13.76	15.00	26.71	0.00	100.00
Hemosiderin	0	0.00	0.00	0.00	0.00	0.00
Kupffer cell pigmentation	1	0.10	0.08	0.65	0.00	5.56
Cholestasis	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	4	0.41	0.27	1.41	0.00	10.00
Mineralization	0	0.00	0.00	0.00	0.00	0.00
Hematopoiesis	81	8.32	8.70	15.19	0.00	80.00
Megakaryocytes	2	0.21	0.27	2.32	0.00	20.00
Inflammatory cell foci	626	64.27	66.17	34.49	0.00	100.00
Multinuclear Giant cells	1	0.10	0.07	0.58	0.00	5.00
Single cell necrosis	11	1.13	1.46	9.44	0.00	80.00
Apoptosis	1	0.10	0.14	1.16	0.00	10.00
Necrosis	12	1.23	1.40	6.79	0.00	41.67
Peri-/ bile duct inflammation	3	0.31	0.34	1.72	0.00	10.00
Arteritis/Periarteritis	1	0.10	0.14	1.16	0.00	10.00
Perivascular inflammation	1	0.10	0.11	0.97	0.00	8.33
Lobular atrophy	0	0.00	0.00	0.00	0.00	0.00
Diffuse hepatocellular atrophy	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Capsular fibrosis	1	0.10	0.07	0.58	0.00	5.00
Bile duct hyperplasia	19	1.95	1.94	5.59	0.00	33.33
Hepatocellular hypertrophy	17	1.75	1.49	5.16	0.00	30.00
Basophilic foci	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	921					
Cyst	1	0.11	0.14	1.19	0.00	10.00
Hepatodiaphragmatic nodule	2	0.22	0.21	1.32	0.00	10.00
Lobe torsion	0	0.00	0.00	0.00	0.00	0.00
Congestion	4	0.43	0.42	1.84	0.00	10.00
Vacuolization	29	3.15	3.45	14.63	0.00	80.00
Increased glycogen	62	6.73	7.25	21.18	0.00	100.00
Fatty change	134	14.55	15.18	25.65	0.00	90.00
Hemosiderin	14	1.52	1.83	11.96	0.00	100.00
Kupffer cell pigmentation	2	0.22	0.14	0.83	0.00	5.00
Cholestasis	1	0.11	0.14	1.19	0.00	10.00
Pigment deposition	8	0.87	0.74	2.37	0.00	10.00
Mineralization	1	0.11	0.14	1.19	0.00	10.00
Hematopoiesis	143	15.53	15.59	25.99	0.00	100.00
Megakaryocytes	2	0.22	0.28	2.37	0.00	20.00
Inflammatory cell foci	556	60.37	59.76	35.54	0.00	100.00
Multinuclear Giant cells	3	0.33	0.26	1.68	0.00	13.33
Single cell necrosis	10	1.09	1.38	7.40	0.00	60.00
Apoptosis	0	0.00	0.00	0.00	0.00	0.00
Necrosis	14	1.52	1.67	7.93	0.00	58.33
Peri-/ bile duct inflammation	0	0.00	0.00	0.00	0.00	0.00
Arteritis/Periarteritis	0	0.00	0.00	0.00	0.00	0.00
Perivascular inflammation	0	0.00	0.00	0.00	0.00	0.00
Lobular atrophy	1	0.11	0.14	1.19	0.00	10.00
Diffuse hepatocellular atrophy	1	0.11	0.14	1.19	0.00	10.00
Fibrosis	2	0.22	0.23	1.42	0.00	10.00
Capsular fibrosis	0	0.00	0.00	0.00	0.00	0.00
Bile duct hyperplasia	12	1.30	0.92	3.94	0.00	20.00
Hepatocellular hypertrophy	4	0.43	0.33	1.70	0.00	10.00
Basophilic foci	1	0.11	0.14	1.19	0.00	10.00

Oral Cavity

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	6					
Inflammation	6	100.00	100.00	0.00	100.00	100.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	7					
Inflammation	7	100.00	100.00	0.00	100.00	100.00

Tongue

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	513					
Ectopic epithelial proliferation	1	0.19	0.26	1.60	0.00	10.00
Mononuclear cell foci	7	1.36	1.37	5.71	0.00	33.33
Inflammatory all foci	2	0.39	0.51	3.20	0.00	20.00
Granuloma	1	0.19	0.13	0.80	0.00	5.00
Inflammation	5	0.97	0.77	3.54	0.00	20.00
Fibrosis	3	0.58	0.77	4.80	0.00	30.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	472					
Ectopic epithelial proliferation	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	7	1.48	1.32	6.65	0.00	40.00
Inflammatory all foci	6	1.27	1.58	6.79	0.00	30.00
Granuloma	0	0.00	0.00	0.00	0.00	0.00
Inflammation	3	0.64	0.53	3.24	0.00	20.00
Fibrosis	0	0.00	0.00	0.00	0.00	0.00

Esophagus

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	908					
Perforation	1	0.11	0.14	1.19	0.00	10.00
Mononuclear cell foci	6	0.66	0.85	2.80	0.00	10.00
Myofiber degeneration	3	0.33	0.35	2.44	0.00	20.00
Muscular regeneration	1	0.11	0.14	1.19	0.00	10.00
Inflammation	3	0.33	0.28	1.67	0.00	10.00
Hyperkeratosis	2	0.22	0.28	2.37	0.00	20.00
Fibrosis	1	0.11	0.14	1.19	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	865					
Perforation	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	6	0.69	0.79	3.14	0.00	20.00
Myofiber degeneration	3	0.35	0.36	1.77	0.00	10.00
Muscular regeneration	1	0.12	0.07	0.60	0.00	5.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Hyperkeratosis	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	1	0.12	0.07	0.60	0.00	5.00

Stomach

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	993					
Lymphoid follicles	10	1.01	0.96	3.30	0.00	20.00
Mononuclear cell infiltrate(s)	1	0.10	0.07	0.57	0.00	5.00
Epidermal cysts	8	0.81	0.77	2.89	0.00	20.00
Glandular cyst	3	0.30	0.39	2.55	0.00	20.00
Cystic glands	14	1.41	1.80	8.87	0.00	70.00
Squamous islets	3	0.30	0.20	0.98	0.00	5.00
Focus, basal cells	1	0.10	0.13	1.15	0.00	10.00
Congestion	1	0.10	0.07	0.57	0.00	5.00
Edema	1	0.10	0.13	1.15	0.00	10.00
Vacuolation	49	4.93	4.78	10.23	0.00	50.00
Hyaline droplets	91	9.16	9.25	20.81	0.00	90.00
Increased inflammatory cells	67	6.75	6.60	15.09	0.00	70.00
Inflammation	17	1.71	2.13	9.68	0.00	70.00
Erosion/ulceration	5	0.50	0.46	1.99	0.00	10.00
Erosion: glandular	3	0.30	0.39	1.96	0.00	10.00
Erosion: forestomach	1	0.10	0.13	1.15	0.00	10.00
Peritonitis	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	1	0.10	0.13	1.15	0.00	10.00
Hyperkeratosis	25	2.52	2.65	8.88	0.00	41.67
Parakeratosis	1	0.10	0.13	1.15	0.00	10.00
Epithelial vacuolation/ limiting ridge	9	0.91	1.10	6.00	0.00	50.00
Basal cell hyperplasia	4	0.40	0.26	1.61	0.00	10.00
Epithelial hyperplasia	9	0.91	0.86	3.07	0.00	20.00
Mucosal hyperplasia	1	0.10	0.13	1.15	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	941					
Lymphoid follicles	11	1.17	1.06	3.27	0.00	20.00
Mononuclear cell infiltrate(s)	0	0.00	0.00	0.00	0.00	0.00
Epidermal cysts	8	0.85	1.06	3.48	0.00	20.00
Glandular cyst	2	0.21	0.27	1.63	0.00	10.00
Cystic glands	15	1.59	1.98	5.91	0.00	30.00
Squamous islets	0	0.00	0.00	0.00	0.00	0.00
Focus, basal cells	0	0.00	0.00	0.00	0.00	0.00
Congestion	1	0.11	0.07	0.58	0.00	5.00
Edema	2	0.21	0.20	1.23	0.00	8.33
Vacuolation	50	5.31	4.37	10.43	0.00	63.33
Hyaline droplets	81	8.61	7.79	18.70	0.00	90.00
Increased inflammatory cells	47	4.99	5.20	13.99	0.00	75.00
Inflammation	10	1.06	1.37	5.60	0.00	40.00
Erosion/ulceration	10	1.06	1.24	4.52	0.00	30.00
Erosion: glandular	4	0.43	0.54	2.81	0.00	20.00
Erosion: forestomach	1	0.11	0.14	1.16	0.00	10.00
Peritonitis	1	0.11	0.14	1.16	0.00	10.00
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Hyperkeratosis	18	1.91	2.01	8.65	0.00	58.33
Parakeratosis	0	0.00	0.00	0.00	0.00	0.00
Epithelial vacuolation/ limiting ridge	8	0.85	1.08	8.20	0.00	70.00
Basal cell hyperplasia	2	0.21	0.14	0.82	0.00	5.00
Epithelial hyperplasia	13	1.38	1.50	6.41	0.00	50.00
Mucosal hyperplasia	0	0.00	0.00	0.00	0.00	0.00

Duodenum

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	969					
Dilation	0	0.00	0.00	0.00	0.00	0.00
Congestion	1	0.10	0.14	1.16	0.00	10.00
Mineralization	4	0.41	0.54	4.65	0.00	40.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	927					
Dilation	3	0.32	0.39	1.89	0.00	10.00
Congestion	0	0.00	0.00	0.00	0.00	0.00
Mineralization	9	0.97	0.96	6.27	0.00	50.00
Inflammation	1	0.11	0.07	0.59	0.00	5.00

Jejunum

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	973					
Dilation	8	0.82	0.90	7.75	0.00	66.67
Congestion	2	0.21	0.27	2.32	0.00	20.00
Mineralization	1	0.10	0.15	1.29	0.00	11.11
Lymphoid hyperplasia	5	0.51	0.67	5.19	0.00	44.44

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	927					
Dilation	6	0.65	0.71	5.00	0.00	41.67
Congestion	1	0.11	0.09	0.78	0.00	6.67
Mineralization	7	0.76	0.80	4.20	0.00	28.57
Lymphoid hyperplasia	6	0.65	0.79	5.29	0.00	42.86

Ileum

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	979					
Dilation	5	0.51	0.59	4.03	0.00	33.33
Nematodes in lumen	1	0.10	0.07	0.58	0.00	5.00
Focal mineralization	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	9	0.92	1.22	10.46	0.00	90.00
Inflammation	3	0.31	0.41	1.99	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	928					
Dilation	8	0.86	1.03	6.51	0.00	50.00
Nematodes in lumen	0	0.00	0.00	0.00	0.00	0.00
Focal mineralization	1	0.11	0.07	0.59	0.00	5.00
Lymphoid hyperplasia	3	0.32	0.41	3.51	0.00	30.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Peyer's Patches

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	384					
Foreign material	5	1.30	1.52	8.70	0.00	50.00
Hemorrhage	1	0.26	0.30	1.74	0.00	10.00
Mineralization	10	2.60	2.58	9.53	0.00	50.00
Mineralization (jejunum)	23	5.99	5.25	8.61	0.00	30.00
Mineralization (ileum)	1	0.26	0.20	1.16	0.00	6.67
Mineralization (duodenum)	2	0.52	0.61	3.48	0.00	20.00
Lipidosis	5	1.30	1.52	8.70	0.00	50.00
Histiocytosis	8	2.08	2.42	13.93	0.00	80.00
Multinuclear giant cell	1	0.26	0.30	1.74	0.00	10.00
Lymphoid hyperplasia (duodenum)	14	3.65	4.24	17.68	0.00	90.00
Lymphoid hyperplasia (jejunum)	90	23.44	24.34	34.65	0.00	100.00
Lymphoid hyperplasia (ileum)	128	33.33	31.52	40.87	0.00	100.00
Necrosis	1	0.26	0.30	1.74	0.00	10.00
Macrophage conglomerate	1	0.26	0.30	1.74	0.00	10.00
Granuloma	1	0.26	0.30	1.74	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	384					
Foreign material	5	1.30	1.52	8.70	0.00	50.00
Hemorrhage	1	0.26	0.30	1.74	0.00	10.00
Mineralization	8	2.08	2.12	7.40	0.00	30.00
Mineralization (jejunum)	30	7.81	7.21	11.51	0.00	40.00
Mineralization (ileum)	1	0.26	0.20	1.16	0.00	6.67
Mineralization (duodenum)	6	1.56	1.82	10.44	0.00	60.00
Lipidosis	0	0.00	0.00	0.00	0.00	0.00
Histiocytosis	10	2.60	3.03	17.41	0.00	100.00
Multinuclear giant cell	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia (duodenum)	7	1.82	2.12	12.19	0.00	70.00
Lymphoid hyperplasia (jejunum)	81	21.09	20.43	29.49	0.00	90.00
Lymphoid hyperplasia (ileum)	152	39.58	38.42	45.73	0.00	100.00
Necrosis	0	0.00	0.00	0.00	0.00	0.00
Macrophage conglomerate	0	0.00	0.00	0.00	0.00	0.00
Granuloma	1	0.26	0.10	0.58	0.00	3.33

Cecum

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	969					
Congestion	12	1.24	2.43	12.37	0.00	100.00
Edema	5	0.52	1.85	11.95	0.00	100.00
Hemorrhage	2	0.21	1.49	11.67	0.00	100.00
Nematodes in lumen	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Increased inflammatory cell infiltration	0	0.00	0.00	0.00	0.00	0.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	927					
Congestion	3	0.32	1.51	11.75	0.00	100.00
Edema	9	0.97	1.14	6.14	0.00	40.00
Hemorrhage	1	0.11	1.37	11.70	0.00	100.00
Nematodes in lumen	1	0.11	0.14	1.17	0.00	10.00
Lymphoid hyperplasia	1	0.11	0.07	0.59	0.00	5.00
Increased inflammatory cell infiltration	1	0.11	0.14	1.17	0.00	10.00
Inflammation	2	0.22	0.27	1.64	0.00	10.00

Colon

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	993					
Diverticulum	0	0.00	0.00	0.00	0.00	0.00
Nematodes in lumen	13	1.31	1.51	4.83	0.00	30.00
Dilation	26	2.62	2.90	12.46	0.00	60.00
Lymphoid hyperplasia	1	0.10	0.07	0.58	0.00	5.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	941					
Diverticulum	1	0.11	0.05	0.39	0.00	3.33
Nematodes in lumen	4	0.43	0.48	2.07	0.00	10.00
Dilation	32	3.40	3.56	14.20	0.00	75.00
Lymphoid hyperplasia	1	0.11	0.07	0.59	0.00	5.00

Rectum

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1003					
Nematodes in lumen	24	2.39	2.78	5.44	0.00	20.00
Dilation	24	2.39	2.55	9.84	0.00	58.33
Lymphoid follicles	3	0.30	0.24	1.25	0.00	8.33
Submucosal edema	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	960					
Nematodes in lumen	13	1.35	1.62	5.43	0.00	30.00
Dilation	29	3.02	3.15	12.18	0.00	75.00
Lymphoid follicles	5	0.52	0.45	1.96	0.00	10.00
Submucosal edema	1	0.10	0.14	1.16	0.00	10.00

Salivary Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	891					
Hypertrophic acini	1	0.11	0.15	1.21	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	850					
Hypertrophic acini	1	0.12	0.15	1.22	0.00	10.00

Parotid Salivary Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	174					
Mucoid gland remnants	2	1.15	1.33	5.16	0.00	20.00
Glandular atrophy	1	0.57	0.67	2.58	0.00	10.00
Acinar degeneration	1	0.57	0.67	2.58	0.00	10.00
Inflammatory cell foci	1	0.57	0.67	2.58	0.00	10.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Basophilic acini	4	2.30	2.56	7.89	0.00	30.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	174					
Mucoid gland remnants	2	1.15	1.33	5.16	0.00	20.00
Glandular atrophy	0	0.00	0.00	0.00	0.00	0.00
Acinar degeneration	0	0.00	0.00	0.00	0.00	0.00
Inflammatory cell foci	0	0.00	0.00	0.00	0.00	0.00
Inflammation	1	0.57	0.33	1.29	0.00	5.00
Basophilic acini	1	0.57	0.67	2.58	0.00	10.00

Sublingual Salivary Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	967					
Mucoid gland remnants	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	926					
Mucoid gland remnants	1	0.11	0.14	1.18	0.00	10.00

Submandibular Salivary Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	968					
Diffuse hypertrophy of mucuous acini	1	0.10	0.14	1.17	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	924					
Diffuse hypertrophy of mucuous acini	1	0.11	0.14	1.18	0.00	10.00

Urinary Bladder

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	991					
Mononuclear cell foci	18	1.82	1.83	4.53	0.00	26.67
Congestion	1	0.10	0.04	0.38	0.00	3.33
Proteinaceous cast	4	0.40	0.41	1.81	0.00	10.00
Distension	29	2.93	3.19	13.65	0.00	83.33
Inflammation	5	0.50	0.58	2.47	0.00	13.33
Urothelial hyperplasia	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	941					
Mononuclear cell foci	2	0.21	0.14	1.17	0.00	10.00
Congestion	1	0.11	0.14	1.17	0.00	10.00
Proteinaceous cast	0	0.00	0.00	0.00	0.00	0.00
Distension	12	1.28	1.39	7.69	0.00	58.33
Inflammation	1	0.11	0.15	1.30	0.00	11.11
Urothelial hyperplasia	1	0.11	0.15	1.30	0.00	11.11

Kidneys

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1023					
Pelvic dilation	101	9.87	9.72	11.14	0.00	50.00
Hydronephrosis	9	0.88	1.14	4.80	0.00	30.00
Cortical cyst	3	0.29	0.76	5.67	0.00	50.00
Congestion	0	0.00	0.00	0.00	0.00	0.00
Papillary angiectasis	0	0.00	0.00	0.00	0.00	0.00
Hemorrhage	2	0.20	0.23	1.46	0.00	10.00
Hyaline droplets	514	50.24	51.91	43.71	0.00	100.00
Lipofuscin	5	0.49	0.63	4.03	0.00	30.00
Hemosiderin	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	10	0.98	1.27	11.25	0.00	100.00
Cortical mineralization	74	7.23	6.11	11.97	0.00	60.00
Medullary mineralization	38	3.71	3.08	10.92	0.00	80.00
Pelvic mineralization	30	2.93	2.97	9.94	0.00	80.00
Mineralization	0	0.00	0.00	0.00	0.00	0.00
Tubular dilation	13	1.27	1.58	6.02	0.00	40.00
Tubular casts	20	1.96	1.73	5.36	0.00	40.00
Tubular basophilia	278	27.17	28.38	22.39	0.00	80.00
Tubular degeneration	2	0.20	0.21	1.88	0.00	16.67
Tubular cell swelling	0	0.00	0.00	0.00	0.00	0.00
Tubular vacuolation	0	0.00	0.00	0.00	0.00	0.00
Mesangial cell increase	4	0.39	0.38	2.50	0.00	20.00
Thickened basement membrane	3	0.29	0.25	2.25	0.00	20.00
Mononuclear cell foci	174	17.01	17.55	21.99	0.00	100.00
Inflammatory foci	4	0.39	0.51	4.50	0.00	40.00
Debris in pelvis	1	0.10	0.06	0.56	0.00	5.00
Multinuclear giant cells	1	0.10	0.13	1.13	0.00	10.00
Necrosis	0	0.00	0.00	0.00	0.00	0.00
Pyelitis	12	1.17	1.25	3.77	0.00	22.22
Pyelonephritis	0	0.00	0.00	0.00	0.00	0.00
Interstitial inflammation	1	0.10	0.13	1.13	0.00	10.00
Fibrosis	20	1.96	1.81	7.85	0.00	60.00
Urothelial hyperplasia	21	2.05	1.79	4.50	0.00	20.00
Epithelial hyperplasia	5	0.49	0.42	3.75	0.00	33.33
Urothelial proliferation	2	0.20	0.19	1.25	0.00	10.00
Chronic progressive nephropathy	2	0.20	0.13	1.13	0.00	10.00
Inflammation	9	0.88	0.91	3.80	0.00	22.22

Kidneys

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	972					
Pelvic dilation	57	5.86	5.95	9.15	0.00	50.00
Hydronephrosis	4	0.41	0.52	2.23	0.00	10.00
Cortical cyst	1	0.10	0.13	1.14	0.00	10.00
Congestion	1	0.10	0.06	0.57	0.00	5.00
Papillary angiectasis	1	0.10	0.13	1.14	0.00	10.00
Hemorrhage	1	0.10	0.11	0.95	0.00	8.33
Hyaline droplets	2	0.21	0.26	2.28	0.00	20.00
Lipofuscin	42	4.32	4.29	17.20	0.00	90.00
Hemosiderin	2	0.21	0.13	0.80	0.00	5.00
Pigment deposition	18	1.85	2.34	12.87	0.00	100.00
Cortical mineralization	610	62.76	60.60	34.71	0.00	100.00
Medullary mineralization	56	5.76	4.42	14.30	0.00	70.00
Pelvic mineralization	43	4.42	4.75	11.57	0.00	80.00
Mineralization	1	0.10	0.13	1.14	0.00	10.00
Tubular dilation	8	0.82	0.97	3.33	0.00	20.00
Tubular casts	20	2.06	1.67	4.13	0.00	20.00
Tubular basophilia	153	15.74	16.56	19.08	0.00	90.00
Tubular degeneration	2	0.21	0.22	1.90	0.00	16.67
Tubular cell swelling	1	0.10	0.13	1.14	0.00	10.00
Tubular vacuolation	1	0.10	0.13	1.14	0.00	10.00
Mesangial cell increase	0	0.00	0.00	0.00	0.00	0.00
Thickened basement membrane	2	0.21	0.17	1.52	0.00	13.33
Mononuclear cell foci	107	11.01	10.14	16.96	0.00	70.00
Inflammatory foci	0	0.00	0.00	0.00	0.00	0.00
Debris in pelvis	1	0.10	0.06	0.57	0.00	5.00
Multinuclear giant cells	2	0.21	0.19	1.27	0.00	10.00
Necrosis	1	0.10	0.09	0.76	0.00	6.67
Pyelitis	12	1.23	1.42	5.48	0.00	40.00
Pyelonephritis	2	0.21	0.26	2.28	0.00	20.00
Interstitial inflammation	1	0.10	0.13	1.14	0.00	10.00
Fibrosis	35	3.60	3.46	13.89	0.00	100.00
Urothelial hyperplasia	12	1.23	1.00	3.18	0.00	20.00
Epithelial hyperplasia	2	0.21	0.17	1.52	0.00	13.33
Urothelial proliferation	0	0.00	0.00	0.00	0.00	0.00
Chronic progressive nephropathy	8	0.82	1.04	9.12	0.00	80.00
Inflammation	11	1.13	1.21	5.18	0.00	30.00

Skin and Subcutis

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	917					
Keratin cyst	0	0.00	0.00	0.00	0.00	0.00
Crust	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	2	0.22	0.29	1.68	0.00	10.00
Histiocytic infiltration	0	0.00	0.00	0.00	0.00	0.00
Acanthosis	3	0.33	0.43	2.66	0.00	20.00
Hyperkeratosis	7	0.76	0.93	7.19	0.00	60.00
Inflammation	5	0.55	0.52	2.00	0.00	10.00
Auricular chondropathy	0	0.00	0.00	0.00	0.00	0.00
Sore(s)	1	0.11	0.14	1.20	0.00	10.00
Epidermal hyperplasia	1	0.11	0.14	1.20	0.00	10.00
Fibroepithelial hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Adnexal atrophy	1	0.11	0.14	1.20	0.00	10.00
Tail, bone atrophy	1	0.11	0.07	0.60	0.00	5.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	875					
Keratin cyst	1	0.11	0.14	1.20	0.00	10.00
Crust	2	0.23	0.29	1.69	0.00	10.00
Mononuclear cell foci	2	0.23	0.22	1.34	0.00	10.00
Histiocytic infiltration	1	0.11	0.10	0.80	0.00	6.67
Acanthosis	1	0.11	0.14	1.20	0.00	10.00
Hyperkeratosis	11	1.26	1.52	9.13	0.00	70.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Auricular chondropathy	1	0.11	0.07	0.60	0.00	5.00
Sore(s)	0	0.00	0.00	0.00	0.00	0.00
Epidermal hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Fibroepithelial hyperplasia	1	0.11	0.14	1.20	0.00	10.00
Adnexal atrophy	4	0.46	0.51	3.65	0.00	30.00
Tail, bone atrophy	0	0.00	0.00	0.00	0.00	0.00

Testes

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1011					
Anomaly	1	0.10	0.13	1.14	0.00	10.00
Hypoplastic testis	1	0.10	0.13	1.14	0.00	10.00
Tubular ectasia	1	0.10	0.13	1.14	0.00	10.00
Hemorrhage	1	0.10	0.09	0.76	0.00	6.67
Cellular debris	3	0.30	0.43	3.80	0.00	33.33
Mononuclear cell foci	4	0.40	0.35	3.04	0.00	26.67
Multinuclear giant cell	2	0.20	0.26	1.60	0.00	10.00
Hypospermiogenesis	1	0.10	0.06	0.57	0.00	5.00
Tubular degeneration	40	3.96	4.25	7.77	0.00	40.00
Sertoli cell vacuolation	7	0.69	0.84	5.09	0.00	40.00
Spermatid retention	2	0.20	0.26	2.28	0.00	20.00
Granuloma	1	0.10	0.13	1.14	0.00	10.00
Leydig cell hyperplasia	1	0.10	0.06	0.57	0.00	5.00

Epididymides

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	933					
Azoospermia	3	0.32	0.35	1.75	0.00	10.00
Cellular detritus	2	0.21	0.14	0.83	0.00	5.00
Hemorrhage	10	1.07	0.90	4.37	0.00	30.00
Mononuclear cell foci	29	3.11	3.13	10.02	0.00	50.00
Atrophy	3	0.32	0.42	2.01	0.00	10.00
Perivascular infiltration	2	0.21	0.28	2.36	0.00	20.00
Fat necrosis	1	0.11	1.39	11.79	0.00	100.00
Inflammation	1	0.11	0.14	1.18	0.00	10.00
Fibrosis	1	0.11	0.07	0.59	0.00	5.00

Prostate

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1004					
Hemorrhage	1	0.10	0.09	0.76	0.00	6.67
Mononuclear cell foci	76	7.57	6.25	14.62	0.00	66.67
Inflammatory cell foci	16	1.59	1.93	7.45	0.00	40.00
Inflammation	48	4.78	4.45	9.11	0.00	50.00

Coagulating gland

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	50					

Seminal Vesicles

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	911					
Congestion/ hemorrhage	70	7.68	10.29	21.70	0.00	100.00
Reduced secretion	1	0.11	0.14	1.17	0.00	10.00
Atrophy	3	0.33	0.53	3.12	0.00	25.00
Mononuclear cell foci	3	0.33	0.32	1.94	0.00	13.33
Inflammation	16	1.76	1.78	3.71	0.00	11.11
Fibrosis	8	0.88	0.91	2.72	0.00	10.00

Mammary Glands

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	878					
Pigment deposits	12	1.37	1.03	5.50	0.00	40.00
Mononuclear cell foci	1	0.11	0.10	0.81	0.00	6.67
Inflammation	1	0.11	0.07	0.61	0.00	5.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	860					
Pigment deposits	4	0.47	0.31	1.97	0.00	15.00
Mononuclear cell foci	0	0.00	0.00	0.00	0.00	0.00
Inflammation	1	0.12	0.07	0.60	0.00	5.00

Ovaries

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	943					
Cyst(s)	7	0.74	0.79	2.68	0.00	10.00
Bursa dilation	2	0.21	0.14	0.82	0.00	5.00
Follicular cyst	5	0.53	0.47	2.06	0.00	10.00
Luteal cyst	3	0.32	0.41	2.59	0.00	20.00
Interstitial cell hyperplasia	21	2.23	1.96	8.87	0.00	65.00
Tubular structures	32	3.39	3.18	13.79	0.00	80.00
Hemorrhagic copora lutea	1	0.11	0.14	1.16	0.00	10.00
Congestion	16	1.70	2.48	11.93	0.00	100.00
Pigment deposition	15	1.59	1.35	11.62	0.00	100.00
Mineralization	3	0.32	0.29	1.49	0.00	10.00
Atrophy	1	0.11	0.14	1.16	0.00	10.00
Mesothelial hyperplasia	1	0.11	0.07	0.58	0.00	5.00
Sertoli's hyperplasia	1	0.11	0.14	1.16	0.00	10.00

Oviducts*

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	10					

*particular Studies only

Uterus

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	948					
Epithelial cyst	5	0.53	0.55	2.15	0.00	10.00
Cornual dilation	168	17.72	19.67	23.78	0.00	100.00
Dilated glands	4	0.42	0.31	1.72	0.00	13.33
Pro-/estrus epithelium	8	0.84	1.05	5.00	0.00	33.33
Proestrus	1	0.11	0.07	0.57	0.00	5.00
Estrus	25	2.64	2.68	11.62	0.00	80.00
Metestrus	9	0.95	0.72	4.60	0.00	35.00
Diestrus	11	1.16	1.18	6.53	0.00	50.00
Hydrometra	18	1.90	1.86	8.48	0.00	50.00
Hematomera	1	0.11	0.13	1.15	0.00	10.00
Congestion	6	0.63	0.59	2.82	0.00	20.00
Thrombosis	1	0.11	0.13	1.15	0.00	10.00
Pigment deposition	7	0.74	0.61	5.35	0.00	46.67
Mononuclear cell foci	3	0.32	0.31	1.90	0.00	13.33
Squamous metaplasia, endometrial	2	0.21	0.09	0.76	0.00	6.67
Endometrial hyperplasia	11	1.16	1.18	6.88	0.00	50.00

Cervix

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	94					

Vagina

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	803					
Cyst	1	0.12	0.08	0.63	0.00	5.00
Dilated lumen	1	0.12	0.08	0.63	0.00	5.00
Proestrus	96	11.96	12.96	16.65	0.00	50.00
Estrus	92	11.46	12.55	16.06	0.00	70.00
Metestrus	116	14.45	14.36	17.63	0.00	60.00
Diestrus	86	10.71	11.22	14.19	0.00	50.00
Hemorrhage	71	8.84	11.04	87.49	0.00	700.00
Mononuclear cell foci	3	0.37	0.34	1.60	0.00	10.00

Bone Marrow

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	743					
Myeloid hyperplasia	1	0.13	0.17	1.31	0.00	10.00
Hematopoiesis, increased	1	0.13	0.17	1.31	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	692					
Myeloid hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Hematopoiesis, increased	0	0.00	0.00	0.00	0.00	0.00

Bone Marrow - Sternal

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	409					
Increased erythropoiesis	4	0.98	1.38	5.81	0.00	30.00
Fatty replacement	10	2.44	2.87	15.47	0.00	83.33

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	407					
Increased erythropoiesis	7	1.72	1.84	7.10	0.00	33.33
Fatty replacement	9	2.21	2.59	13.93	0.00	75.00

Bone Marrow - Femur

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	621					
Increased erythropoiesis	1	0.16	0.19	1.36	0.00	10.00
Increased granulopoiesis	3	0.48	0.56	4.08	0.00	30.00
Fatty replacement	23	3.70	3.89	17.20	0.00	100.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	630					
Increased erythropoiesis	4	0.63	0.74	4.28	0.00	30.00
Increased granulopoiesis	0	0.00	0.00	0.00	0.00	0.00
Fatty replacement	26	4.13	4.57	17.33	0.00	90.00

Mesenteric Lymph Node

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	967					
Cyst	1	0.10	0.13	1.15	0.00	10.00
Sinusoidal dilation	49	5.07	5.18	14.69	0.00	80.00
Congestion/ erythrophagocytosis	17	1.76	1.54	6.89	0.00	53.33
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	55	5.69	5.56	17.97	0.00	100.00
Plasmacytosis	1	0.10	0.13	1.15	0.00	10.00
Mastocytosis	24	2.48	2.67	12.17	0.00	90.00
Histiocytosis	100	10.34	10.39	26.96	0.00	100.00
Histiocytic aggregation	22	2.28	0.93	5.68	0.00	35.00
Lymphoid hyperplasia	303	31.33	34.24	40.38	0.00	100.00
Lymphoid atrophy	1	0.10	0.13	1.15	0.00	10.00
Granuloma	1	0.10	0.13	1.15	0.00	10.00
Hemangioma	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	915					
Cyst	0	0.00	0.00	0.00	0.00	0.00
Sinusoidal dilation	32	3.50	3.75	14.14	0.00	90.00
Congestion/ erythrophagocytosis	15	1.64	1.24	6.53	0.00	40.00
Hemorrhage	3	0.33	0.32	1.94	0.00	13.33
Pigment deposition	52	5.68	5.41	19.66	0.00	100.00
Plasmacytosis	0	0.00	0.00	0.00	0.00	0.00
Mastocytosis	35	3.83	3.49	13.71	0.00	90.00
Histiocytosis	108	11.80	11.89	29.64	0.00	100.00
Histiocytic aggregation	34	3.72	1.92	11.51	0.00	70.00
Lymphoid hyperplasia	304	33.22	35.32	41.80	0.00	100.00
Lymphoid atrophy	7	0.77	0.96	4.14	0.00	20.00
Granuloma	0	0.00	0.00	0.00	0.00	0.00
Hemangioma	1	0.11	0.00	0.00	0.00	0.00

Mandibular Lymph Node

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	887					
Sinusoidal dilation	9	1.01	0.92	4.46	0.00	33.33
Congestion	16	1.80	3.00	12.60	0.00	100.00
Hemorrhage	12	1.35	1.40	6.80	0.00	46.67
Erythrophagocytosis	10	1.13	1.04	3.95	0.00	26.67
Pigment depositions	35	3.95	3.70	13.60	0.00	70.00
Plasmacytosis	281	31.68	33.42	41.33	0.00	100.00
Histiocytosis	51	5.75	5.77	21.09	0.00	100.00
Histiocytic aggregation	1	0.11	0.36	3.01	0.00	25.00
Lymphoid hyperplasia	291	32.81	35.52	39.34	0.00	100.00
Inflammation	1	0.11	0.10	0.80	0.00	6.67
Fibrosis	1	0.11	0.10	0.80	0.00	6.67
Lymphoid atrophy	1	0.11	0.14	1.20	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	834					
Sinusoidal dilation	5	0.60	0.47	3.28	0.00	26.67
Congestion	12	1.44	2.89	14.72	0.00	100.00
Hemorrhage	6	0.72	0.69	3.02	0.00	20.00
Erythrophagocytosis	6	0.72	0.69	2.90	0.00	20.00
Pigment depositions	38	4.56	4.13	16.05	0.00	90.00
Plasmacytosis	295	35.37	35.29	44.26	0.00	100.00
Histiocytosis	47	5.64	5.56	20.43	0.00	100.00
Histiocytic aggregation	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	303	36.33	35.52	39.54	0.00	100.00
Inflammation	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	0	0.00	0.00	0.00	0.00	0.00
Lymphoid atrophy	1	0.12	0.07	0.61	0.00	5.00

Mediastinal Lymph Node *

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	130					
Sinusoidal erythrocytes and	1	0.77	1.43	3.78	0.00	10.00
Pigment deposition	13	10.00	10.71	20.90	0.00	55.00
Lymphoid hyperplasia	22	16.92	21.43	30.65	0.00	80.00
Congestion	0	0.00	0.00	0.00	0.00	0.00
Plasmacytosis	2	1.54	2.86	7.56	0.00	20.00
Mastocytosis	3	2.31	4.29	11.34	0.00	30.00
Hemosiderin	11	8.46	7.86	20.79	0.00	55.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	91					
Sinusoidal erythrocytes and	14	15.38	27.86	39.57	0.00	100.00
Pigment deposition	35	38.46	37.14	67.51	0.00	170.00
Lymphoid hyperplasia	23	25.27	21.43	28.54	0.00	70.00
Congestion	1	1.10	1.43	3.78	0.00	10.00
Plasmacytosis	0	0.00	0.00	0.00	0.00	0.00
Mastocytosis	0	0.00	0.00	0.00	0.00	0.00
Hemosiderin	18	19.78	12.86	34.02	0.00	90.00

* gross lesions only

Bronchial Lymph Node *

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	121					
Pigment	8	6.61	10.00	24.49	0.00	70.00
Plasmacytosis	1	0.83	1.25	3.54	0.00	10.00
Erythrophagocytosis	1	0.83	1.25	3.54	0.00	10.00
Lymphoid hyperplasia	14	11.57	15.95	34.63	0.00	100.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	85					
Pigment	13	15.29	15.42	21.23	0.00	60.00
Plasmacytosis	1	1.18	1.25	3.54	0.00	10.00
Erythrophagocytosis	8	9.41	20.83	36.46	0.00	100.00
Lymphoid hyperplasia	12	14.12	14.17	34.82	0.00	100.00

* gross lesions only

Tracheobronchial Lymph Nodes*

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	10					

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	10					

*particular Studies only

Axillary Lymph Node *

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	6					
Sinus dilation	2	33.33	33.33	0.00	33.33	33.33
Erythrophagocytosis	1	16.67	16.67	0.00	16.67	16.67
Yellow-brown pigment	1	16.67	16.67	0.00	16.67	16.67
Plasma cell hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Histiocytosis	5	83.33	83.33	0.00	83.33	83.33
Lymphoid hyperplasia	1	16.67	16.67	0.00	16.67	16.67

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	9					
Sinus dilation	0	0.00	0.00	0.00	0.00	0.00
Erythrophagocytosis	0	0.00	0.00	0.00	0.00	0.00
Yellow-brown pigment	3	33.33	33.33	0.00	33.33	33.33
Plasma cell hyperplasia	3	33.33	33.33	0.00	33.33	33.33
Histiocytosis	8	88.89	88.89	0.00	88.89	88.89
Lymphoid hyperplasia	4	44.44	44.44	0.00	44.44	44.44

* gross lesions only

Other Lymph Nodes *

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	151					
Congestion	6	3.97	21.43	40.53	0.00	100.00
Hemorrhage	3	1.99	9.52	30.08	0.00	100.00
Erythrophagocytosis	3	1.99	5.24	21.82	0.00	100.00
Sinusoidal dilation	3	1.99	9.52	30.08	0.00	100.00
Exogenous pigment	0	0.00	0.00	0.00	0.00	0.00
Pigment deposition	4	2.65	14.29	35.86	0.00	100.00
Histiocytosis	1	0.66	2.38	10.91	0.00	50.00
Lymphoid hyperplasia	1	0.66	2.38	10.91	0.00	50.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	144					
Congestion	3	2.08	16.67	38.35	0.00	100.00
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Erythrophagocytosis	0	0.00	0.00	0.00	0.00	0.00
Sinusoidal dilation	0	0.00	0.00	0.00	0.00	0.00
Exogenous pigment	1	0.69	5.56	23.57	0.00	100.00
Pigment deposition	2	1.39	11.11	32.34	0.00	100.00
Histiocytosis	0	0.00	0.00	0.00	0.00	0.00
Lymphoid hyperplasia	1	0.69	5.56	23.57	0.00	100.00

* gross lesions only

Thymus

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1017					
Thymic remnants	19	1.87	1.67	5.53	0.00	30.00
Cyst(s)	108	10.62	12.00	20.78	0.00	140.00
Congestion	59	5.80	7.56	15.26	0.00	100.00
Hemorrhage	69	6.78	5.88	12.31	0.00	66.67
Involution/ Atrophy	99	9.73	11.60	23.83	0.00	100.00
Pigment deposition	2	0.20	0.17	1.49	0.00	13.33
Histiocytosis	12	1.18	1.50	10.57	0.00	90.00
Lymphocytolysis	4	0.39	0.50	3.14	0.00	20.00
Lymphoid hyperplasia	4	0.39	0.50	4.47	0.00	40.00
Epithelial hyperplasia	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	962					
Thymic remnants	70	7.28	6.16	16.58	0.00	80.00
Cyst(s)	245	25.47	24.93	30.80	0.00	100.00
Congestion	21	2.18	3.50	12.61	0.00	100.00
Hemorrhage	32	3.33	2.87	8.79	0.00	53.33
Involution/ Atrophy	115	11.95	13.17	26.01	0.00	100.00
Pigment deposition	0	0.00	0.00	0.00	0.00	0.00
Histiocytosis	11	1.14	1.45	8.28	0.00	60.00
Lymphocytolysis	14	1.46	1.84	11.28	0.00	90.00
Lymphoid hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Epithelial hyperplasia	2	0.21	0.26	2.29	0.00	20.00

Spleen

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	1023					
Congestion	22	2.15	2.63	14.23	0.00	100.00
Megakaryocytosis	10	0.98	1.28	11.32	0.00	100.00
Extramedullary hematopoiesis	516	50.44	52.03	42.31	0.00	100.00
Hemosiderin pigment	420	41.06	43.30	47.80	0.00	100.00
Increased erythropoiesis	29	2.83	3.53	17.23	0.00	100.00
Lymphoid depletion	1	0.10	0.13	1.13	0.00	10.00
Lymphoid hyperplasia	1	0.10	0.13	1.13	0.00	10.00
Capsular fibrosis	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	970					
Congestion	24	2.47	2.94	15.18	0.00	100.00
Megakaryocytosis	10	1.03	1.32	11.47	0.00	100.00
Extramedullary hematopoiesis	552	56.91	57.58	40.75	0.00	100.00
Hemosiderin pigment	445	45.88	47.37	49.81	0.00	100.00
Increased erythropoiesis	26	2.68	3.03	15.06	0.00	100.00
Lymphoid depletion	1	0.10	0.13	1.15	0.00	10.00
Lymphoid hyperplasia	0	0.00	0.00	0.00	0.00	0.00
Capsular fibrosis	1	0.10	0.11	0.96	0.00	8.33

Joint *

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	507					
Synovitis	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	386					
Synovitis	1	0.26	0.53	2.29	0.00	10.00

* including knee joint, joint femorotibial and other joints

Bone (Femur, Sternum, Others)

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	603					
Bone Marrow: Fatty replacement	0	0.00	0.00	0.00	0.00	0.00
Chondromucinous degeneration	48	7.96	7.19	21.13	0.00	91.67
Osteofibrosis	1	0.17	0.22	1.49	0.00	10.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Number of rats examined	562					
Bone Marrow: Fatty replacement	4	0.71	0.91	6.03	0.00	40.00
Chondromucinous degeneration	60	10.68	9.24	26.27	0.00	100.00
Osteofibrosis	1	0.18	0.23	1.51	0.00	10.00

Skeletal Muscle

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	722					
Mononuclear cell foci	20	2.77	2.48	6.62	0.00	40.00
Inflammatory all foci	3	0.42	0.57	4.12	0.00	30.00
Inflammation	1	0.14	0.19	1.37	0.00	10.00
Single fiber degeneration	4	0.55	0.47	2.45	0.00	15.00
Hyaline degeneration	0	0.00	0.00	0.00	0.00	0.00
Atrophy	15	2.08	2.77	9.38	0.00	50.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	681					
Mononuclear cell foci	18	2.64	2.12	5.72	0.00	35.00
Inflammatory all foci	5	0.73	0.96	4.95	0.00	30.00
Inflammation	2	0.29	0.38	2.77	0.00	20.00
Single fiber degeneration	3	0.44	0.29	2.08	0.00	15.00
Hyaline degeneration	1	0.15	0.19	1.39	0.00	10.00
Atrophy	9	1.32	1.66	8.52	0.00	60.00

Body Cavities *

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	14					
Ectopic splenule	1	7.14	20.00	44.72	0.00	100.00
Fat necrosis	3	21.43	42.00	53.10	0.00	100.00
Arteritis/periarteritis	1	7.14	20.00	44.72	0.00	100.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	14					
Ectopic splenule	0	0.00	0.00	0.00	0.00	0.00
Fat necrosis	4	28.57	80.00	44.72	0.00	100.00
Arteritis/periarteritis	0	0.00	0.00	0.00	0.00	0.00

* gross lesions only

Injection Site

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	60					
Hyperkeratosis	2	3.33	2.22	3.85	0.00	6.67
Hemorrhage	3	5.00	3.33	5.77	0.00	10.00
Perivascular edema	2	3.33	6.67	11.55	0.00	20.00
Mononuclear cell foci	5	8.33	5.56	9.62	0.00	16.67
Hemosiderin macrophages	4	6.67	4.44	7.70	0.00	13.33
Inflammatory reaction	2	3.33	2.22	3.85	0.00	6.67
Granuloma	0	0.00	0.00	0.00	0.00	0.00
Fibrosis	1	1.67	1.11	1.92	0.00	3.33

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	58					
Hyperkeratosis	0	0.00	0.00	0.00	0.00	0.00
Hemorrhage	1	1.72	1.19	2.06	0.00	3.57
Perivascular edema	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	6	10.34	7.14	12.37	0.00	21.43
Hemosiderin macrophages	4	6.90	4.76	8.25	0.00	14.29
Inflammatory reaction	4	6.90	4.76	8.25	0.00	14.29
Granuloma	1	1.72	3.33	5.77	0.00	10.00
Fibrosis	3	5.17	3.57	6.19	0.00	10.71

Injection: Right Flank

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	15					
Hemorrhage	1	6.67	6.67	0.00	6.67	6.67
Mononuclear cell foci	1	6.67	6.67	0.00	6.67	6.67
Hemosiderin macrophages	4	26.67	26.67	0.00	26.67	26.67
Inflammatory reaction	1	6.67	6.67	0.00	6.67	6.67
Fibrosis	1	6.67	6.67	0.00	6.67	6.67

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	15					
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	2	13.33	13.33	0.00	13.33	13.33
Hemosiderin macrophages	3	20.00	20.00	0.00	20.00	20.00
Inflammatory reaction	3	20.00	20.00	0.00	20.00	20.00
Fibrosis	2	13.33	13.33	0.00	13.33	13.33

Injection: Left Flank

Males	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	15					
Hemorrhage	0	0.00	0.00	0.00	0.00	0.00
Mononuclear cell foci	2	13.33	13.33	0.00	13.33	13.33
Hemosiderin macrophages	0	0.00	0.00	0.00	0.00	0.00
Inflammatory reaction	1	6.67	6.67	0.00	6.67	6.67
Fibrosis	0	0.00	0.00	0.00	0.00	0.00

Females	Total n	Total %	Mean %	STDEV %	MIN %	MAX %
Numbers of rats examined	15					
Hemorrhage	1	6.67	6.67	0.00	6.67	6.67
Mononuclear cell foci	2	13.33	13.33	0.00	13.33	13.33
Hemosiderin macrophages	1	6.67	6.67	0.00	6.67	6.67
Inflammatory reaction	1	6.67	6.67	0.00	6.67	6.67
Fibrosis	1	6.67	6.67	0.00	6.67	6.67