

Experiment Number: 20305-01
Test Type: 18-33 DAYS
Route: INTRADUCTAL CANNULATION
Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Test Compound: Adeno-associated viral vector (hEPO)
CAS Number: HEPO

Date Report Requested: 10/23/2014
Time Report Requested: 09:06:07
First Dose M/F: NA / NA
Lab: MBA

C Number:	C20305
Lock Date:	08/29/2005
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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BALB/C Mouse Male ISORMCONSALINE	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	3	3	3	0	0	3	3	5	5	5	1	9	9	5	5	9	9	
	2	2	3	0	0	0	3	3	0	0	5	5	7	2	2	5	5	2	2	1	
	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

Alimentary System

Esophagus	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	19	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	1	19
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

* ..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

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BALB/C Mouse Male ISORMCONSALINE	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	3	3	3	0	3	3	0	5	5	5	1	9	9	5	5	9	9	
	2	2	3	0	0	0	3	3	0	5	5	5	7	2	2	5	5	2	2	1	
Parathyroid Gland	+	M	+	+	M	M	+	M	M	+	+	+	M	+	+	+	M	M	M	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	I	I	+	I	+	+	I	+	+	+	+	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	
General Body System																					
NONE																					
Genital System																					
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Penis														+							
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mandibular	+	M	+	+	+	+	+	+	+	I	I	+	I	+	+	I	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	
Integumentary System																					
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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BALB/C Mouse Male ISORMCONSALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		2	2	3	0	0	0	3	3	0	3	3	0	5	5	5	1	9	9	5	5	9	9	9
		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	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	0	0	0	0	0	0	0
		1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1	1	2	2	1
		*TOTALS																						
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Musculoskeletal System																								
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Nervous System																								
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Respiratory System																								
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	20
Trachea		M	+	+	+	+	+	+	+	I	I	M	+	+	M	+	+	+	I	I	+	+	+	14
Special Senses System																								
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	20
Urinary System																								
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Urinary Bladder		+	+	+	I	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	19
SYSTEMIC LESIONS																								
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

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 Lab: MBA

**BALB/C Mouse Male
 TRTRMCONSALINE**

DAY ON TEST	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	3	3	3	5	5	5	9	9	9
	3	3	3	0	0	0	5	5	5	1	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	3	3	3	3
	2	3	4	5	6	7	8	9	0	1	2	3
	*TOTALS											

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Gallbladder	+	+	+	+	+	+	+	M	+	A	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	+	I	+	+	+	+	+	+	+	11
Adrenal Medulla	+	+	+	+	I	+	+	+	+	+	+	+	11
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
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Lab: MBA

BALB/C Mouse Male TRTRMCONSALINE	DAY ON TEST												*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	3	3	3	5	5	5	9	9	9	
	3	3	3	0	0	0	5	5	5	1	2	2	
	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	0	0	0	0	0	
	2	2	2	2	2	2	2	2	3	3	3	3	
	2	3	4	5	6	7	8	9	0	1	2	3	
Parathyroid Gland	+	M	M	M	M	M	M	+	M	+	M	+	
Pituitary Gland	+	+	+	+	+	I	+	+	+	+	I	+	
Thyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	
General Body System													
NONE													
Genital System													
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland	+	+	+	+	I	+	+	+	+	+	+	+	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic System													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mandibular	+	I	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	A	+	+	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	
Integumentary System													
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	

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 Lab: MBA

BALB/C Mouse Male
TRTRMCONSALINE

DAY ON TEST	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	3	3	3	5	5	5	9	9	9	
	3	3	3	0	0	0	5	5	5	1	2	2	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	3	3	3	3	
	2	3	4	5	6	7	8	9	0	1	2	3	*TOTALS

Musculoskeletal System

Bone + + + + + + + + + + + + 12

Nervous System

Brain + + + + + + + + + + + + 12

Respiratory System

Lung + + + + + + + + + + + + 12

Nose + + + + + + + + + + + + 12

Trachea + + M + + + + + + + + + + 11

Special Senses System

Eye + + + + + + + I + + + + 11

Harderian Gland + + + + + + + + + + + + 12

Urinary System

Kidney + + + + + + + + + + + + 12

Urinary Bladder + + + + + + + + + + + + 12

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + + + + 12

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BALB/C Mouse Male 1-7 SALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	3	3	2	0	0	3	3	5	5	5	9	9	9	5	5	9	9	9
	2	2	2	0	0	9	3	3	0	0	5	5	5	2	2	2	5	5	2	2	2
	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	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	0
	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5
	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
	*TOTALS																				

Alimentary System

Esophagus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Gallbladder	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	19
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:08
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-7 SALINE	DAY ON TEST																				*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Parathyroid Gland	M	M	M	M	M	M	M	+	+	M	+	M	+	+	+	M	+	+	+	+	11	
Pituitary Gland	+	+	+	+	+	+	M	+	+	+	+	I	M	+	M	+	+	+	+	I	+	16
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
General Body System																						
NONE																						
Genital System																						
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	20
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Lymph Node, Mandibular	+	+	+	I	+	+	I	+	+	+	+	I	+	+	I	I	+	+	M	M	+	14
Lymph Node, Mesenteric	+	I	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	19
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
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	0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:08
 First Dose M/F: NA / NA
 Lab: MBA

		DAY ON TEST																						
BALB/C Mouse Male	1-7 SALINE	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	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	3	3	2	0	0	3	3	5	5	5	9	9	9	5	5	9	9	9	9	
		2	2	2	0	0	9	3	3	0	0	5	5	5	2	2	2	5	5	2	2	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	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	0		
		3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5		
		4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	*TOTALS	

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Skeletal Muscle				+																		1

Nervous System

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Alveolar/Bronchiolar Adenoma										X												1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Trachea	+	+	I	I	M	I	I	I	+	I	+	+	I	+	+	+	+	+	+	+	+	13

Special Senses System

Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	20

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:08
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-8 SALINE		DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	
			3	2	2	0	0	0	3	3	0	0	5	5	2	2	2	5	5	2	2		
			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	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		
			5	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7		
			5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
			*TOTALS																				

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	20
Gallbladder	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Adrenal Medulla	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	19
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	20

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

Experiment Number: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:08
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-8 SALINE	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	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	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	
	3	2	2	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	2	2	
	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	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	
	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	
Parathyroid Gland	+	M	M	M	+	+	M	M	M	M	+	M	M	+	+	M	+	+	+	+	
Pituitary Gland	+	+	+	+	+	I	+	+	+	+	I	+	+	+	+	+	+	+	+	+	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
General Body System																					
NONE																					
Genital System																					
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Testes	+	+	+	+	+	+	I	+	+	I	+	+	+	+	+	+	+	+	+	+	
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mandibular	+	M	+	M	+	+	+	M	+	I	I	+	+	+	+	+	+	+	I	+	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Integumentary System																					
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
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Experiment Number: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:08
 First Dose MF: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-8 SALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	3	3	3	0	3	3	0	5	5	5	9	9	9	5	5	9	9	9
		3	2	2	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	2	2	2
		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	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	0
		5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7
		5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5
		*TOTALS																				
Musculoskeletal System																						
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nervous System																						
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Respiratory System																						
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea		+	+	+	I	+	+	I	M	I	+	+	+	+	+	+	+	+	+	+	+	
Special Senses System																						
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary System																						
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																						
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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Experiment Number: 20305-01
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 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:08
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-9 SALINE	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	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	
	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	
	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	20
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:08
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-9 SALINE	DAY ON TEST																				*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Parathyroid Gland	M	+	M	+	+	+	M	M	M	M	+	M	+	+	+	+	M	+	+	+	+	13	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
General Body System																							
NONE																							
Genital System																							
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	20	
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	20	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Testes	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
Hematopoietic System																							
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Lymph Node, Mandibular	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	19	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	M	+	+	+	+	+	A	+	+	+	+	+	+	19	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	20
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	20	
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	0	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose MF: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-9 SALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	3	3	2	0	3	3	5	5	5	7	9	9	5	5	9	9	9	
		3	3	3	0	0	9	3	3	0	5	5	5	6	2	2	5	4	2	2	2	
		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	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	
		7	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	
		6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
		*TOTALS																				
Musculoskeletal System																						
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nervous System																						
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Respiratory System																						
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea		+	+	I	+	+	+	M	+	I	I	+	+	+	A	+	+	I	+	+	+	
Special Senses System																						
Eye		+	+	+	+	+	+	+	+	+	+	+	I	+	A	+	+	+	+	+	+	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary System																						
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary Bladder		+	+	+	+	+	+	+	+	+	I	+	+	+	A	+	+	+	+	+	+	
SYSTEMIC LESIONS																						
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose MF: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-10 SALINE	DAY ON TEST	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	0	0	0	0	0	0	0	0	0
	0	0	0	3	2	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	9
	3	3	3	0	9	0	2	2	0	0	5	5	2	2	2	5	5	2	2	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	9	9	9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7
	*TOTALS																				

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	20
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	20
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Adrenal Medulla	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	I	+	19
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	20

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

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Experiment Number: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Male 1-10 SALINE	DAY ON TEST																				*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	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	0	3	2	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	
	3	3	3	0	9	0	2	2	0	0	5	5	2	2	2	5	5	2	2	2	
	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	0	0	0	0	0	0	0	0	0	
	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	9	9	9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
Parathyroid Gland	M	I	M	+	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	16	
Pituitary Gland	+	+	+	+	+	+	+	+	+	I	+	+	M	+	I	+	+	I	+	16	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
General Body System																					
NONE																					
Genital System																					
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	20	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Prostate	+	+	+	I	+	+	+	+	+	+	+	I	+	+	+	I	+	+	+	18	
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Testes	+	+	+	+	I	+	+	+	+	I	+	+	+	+	+	+	I	+	+	18	
Hematopoietic System																					
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Lymph Node, Mandibular	I	+	I	M	+	I	+	+	+	M	+	+	+	M	+	I	I	I	M	10	
Lymph Node, Mesenteric	+	+	+	+	I	+	I	+	I	+	+	+	+	+	+	I	+	+	+	17	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	20	
Integumentary System																					
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose M/F: NA / NA
 Lab: MBA

		DAY ON TEST																					
		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	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	3	2	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	9	
		3	3	3	0	9	0	2	2	0	0	5	5	2	2	2	5	5	2	2	2		
BALB/C Mouse Male 1-10 SALINE	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	
		7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	1	2	3	4	5	6	7
Musculoskeletal System																							
	Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Nervous System																							
	Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Respiratory System																							
	Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
	Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
	Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+		18
Special Senses System																							
	Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
	Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Urinary System																							
	Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
	Urinary Bladder	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	20
SYSTEMIC LESIONS																							
	Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose MF: NA / NA
 Lab: MBA

BALB/C Mouse Female ISORMCONSALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	9
		3	3	3	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	2	2	2
		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	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
		8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
		*TOTALS																				

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Gallbladder	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	20

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Female ISORMCONSALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ANIMAL ID	*TOTALS
	0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	9		
		3	3	3	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	2	2	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
		8	9	0	1	2	2	3	4	5	6	7	8	9	0	1	2	3	3	4	5	6	7
Parathyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	M	+	+	+	18
Pituitary Gland		+	+	+	+	+	+	+	M	+	+	+	+	+	I	+	+	+	+	+	+	+	19
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
General Body System																							
NONE																							
Genital System																							
Clitoral Gland		+	+	+	I	+	I	+	+	+	M	I	+	+	+	+	M	+	+	+	M	M	14
Ovary		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	20
Uterus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Hematopoietic System																							
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Lymph Node, Mandibular		+	+	+	+	M	+	+	I	+	+	+	M	+	+	I	+	+	+	+	I	I	15
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	20
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Integumentary System																							
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Musculoskeletal System																							
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Female ISORMCONSALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	9
		3	3	3	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	2	2	2
		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	0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		8	9	0	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
		8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
		*TOTALS																				
Nervous System																						
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Respiratory System																						
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar/Bronchiolar Adenoma											X											
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	I	+	I	+	I	+	I	I	
Special Senses System																						
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary System																						
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																						
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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 + ..Tissue examined microscopically
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Experiment Number: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
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 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Female TRTRMCONSALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	3	4	4	4	4	4	4	4	4	4	4	5	
	9	0	1	2	3	4	5	6	7	8	9	0	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	12
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	12
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	12
Liver	+	+	+	+	+	+	+	+	+	+	+	+	12
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	12
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	12
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	12

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	12
Heart	+	+	+	+	+	+	+	+	+	+	+	+	12

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	12
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	I	11
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	12

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

M ..Missing tissue
 A ..Autolysis precludes evaluation
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 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:09
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Female TRTRMCONSALINE	DAY ON TEST												*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	3	3	3	5	5	5	9	9	9	
	3	3	3	0	0	0	5	5	5	2	2	2	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	
	3	4	4	4	4	4	4	4	4	4	4	5	
	9	0	1	2	3	4	5	6	7	8	9	0	
Parathyroid Gland	+	M	+	+	+	+	M	+	+	M	+	+	9
Pituitary Gland	+	+	+	+	+	+	+	I	+	I	+	+	10
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
General Body System													
NONE													
Genital System													
Clitoral Gland	+	+	+	+	M	+	M	M	+	+	M	M	7
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	12
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	12
Hematopoietic System													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	12
Lymph Node, Mandibular	+	+	+	+	+	+	+	I	I	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	M	+	+	11
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	12
Integumentary System													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	12
Skin	+	+	+	+	+	+	+	+	+	+	+	+	12
Musculoskeletal System													
Bone	+	+	+	+	+	+	+	+	+	+	+	+	12

* ..Total animals with tissue examined microscopically; Total animals with tumor
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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0
BALB/C Mouse Female		0	0	0	0	0	0	0	0	0	0	0
		0	0	0	3	3	3	5	5	5	9	9
	TRTRMCONSALINE	3	3	3	0	0	0	5	5	5	2	2
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0	0
		1	1	1	1	1	1	1	1	1	1	1
		3	4	4	4	4	4	4	4	4	4	5
		9	0	1	2	3	4	5	6	7	8	9
*TOTALS												

Nervous System

Brain + + + + + + + + + + + + 12

Respiratory System

Lung + + + + + + + + + + + + 12

Nose + + + + + + + + + + | + 11

Trachea + | + + + + + + + + + + | 10

Special Senses System

Eye + + + + + + + + + + + + 12

Harderian Gland + + + + + + + + + + + + 12

Urinary System

Kidney + + + + + + + + + + + + 12

Urinary Bladder + + + + + + + + + + + + 12

SYSTEMIC LESIONS

Multiple Organ + + + + + + + + + + + + 12

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALB/C Mouse Female		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	9
	1-7 SALINE	3	3	2	0	0	0	2	3	0	0	5	5	5	2	2	2	5	5	2	2	2
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
*TOTALS																						

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	20
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Adrenal Medulla	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

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Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Female 1-7 SALINE	DAY ON TEST																				*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Parathyroid Gland	+	M	+	+	+	+	M	+	M	M	+	+	M	+	M	+	+	M	+	M	+	13
Pituitary Gland	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	I	+	+	+	+	+	19
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	19
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	M	I	+	I	+	M	15
Ovary	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Lymph Node, Mandibular	I	+	I	I	+	+	+	I	I	I	+	+	I	+	+	I	I	+	+	I	+	11
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	I	19
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	20
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Musculoskeletal System																						
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

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Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose MF: NA / NA
 Lab: MBA

		DAY ON TEST																				
		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	0	0	0	0	0	0	0	0	0	
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	
		3	3	2	0	0	2	3	0	0	5	5	5	2	2	2	5	5	2	2	2	
BALB/C Mouse Female 1-7 SALINE	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	*TOTALS
Nervous System																						
	Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Respiratory System																						
	Lung	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	20
	Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
	Trachea	+	I	+	+	+	+	I	+	M	+	+	+	+	+	I	+	+	M	+	+	16
Special Senses System																						
	Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
	Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Urinary System																						
	Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
	Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
SYSTEMIC LESIONS																						
	Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose M/F: NA / NA
 Lab: MBA

		DAY ON TEST																				
BALB/C Mouse Female		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	0	0	0	0	0	0	0	0	0	
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9	
	1-8 SALINE	3	3	3	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	2	2	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	9	9		
		2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
																						*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Female 1-8 SALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Parathyroid Gland	M	+	M	M	+	+	+	M	+	M	+	+	+	M	+	+	M	+	+	+	+	14
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Thyroid Gland	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	20
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	I	+	+	M	+	+	+	+	+	+	+	+	M	+	I	I	+	I	I	+	14
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Lymph Node, Mandibular	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	19
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Musculoskeletal System																						
Bone	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose M/F: NA / NA
 Lab: MBA

		DAY ON TEST																					
		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	0	0	0	0	0	0	0	0	0		
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	9	9		
		3	3	3	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	2	2		
BALB/C Mouse Female 1-8 SALINE	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
		7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9	
		2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	8	9	0	1	2
Nervous System																							
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Respiratory System																							
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Alveolar/Bronchiolar Adenoma															X							1	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Trachea		+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	19	
Special Senses System																							
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Urinary System																							
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
SYSTEMIC LESIONS																							
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	

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

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 BLANK ..Not examined microscopically

Experiment Number: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose M/F: NA / NA
 Lab: MBA

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BALB/C Mouse Female 1-9 SALINE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	0	5	9	9	9
	ANIMAL ID	3	3	3	0	0	0	3	3	0	0	5	5	5	2	2	2	1	5	2	2	2
	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	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	
*TOTALS																						

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	20	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	20
Islets, Pancreatic	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Female 1-9 SALINE	DAY ON TEST																				*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2		
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1		
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2		
Parathyroid Gland	+	M	M	+	M	M	+	M	+	M	M	+	+	+	+	+	M	M	+	+	+	12
Pituitary Gland	+	M	+	+	+	+	M	+	+	I	+	+	I	+	+	+	+	+	+	+	+	17
Thyroid Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	20
General Body System																						
NONE																						
Genital System																						
Clitoral Gland	+	+	+	+	+	+	+	+	M	+	M	+	+	+	I	+	+	+	+	+	M	17
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	20
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Hematopoietic System																						
Bone Marrow	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	I	I	+	M	+	+	17
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	20
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Integumentary System																						
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Musculoskeletal System																						
Bone	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
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Experiment Number: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
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Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose M/F: NA / NA
 Lab: MBA

		DAY ON TEST																					
		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	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	0	5	9	9	9	
		3	3	3	0	0	0	3	3	0	5	5	5	2	2	2	1	5	2	2	2	2	
BALB/C Mouse Female 1-9 SALINE	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	2	3	*TOTALS
Nervous System																							
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Meninges, Lipoma											X											1	
Respiratory System																							
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Trachea		+	+	I	+	I	I	I	+	M	+	+	+	+	+	I	I	M	+	+	I	11	
Special Senses System																							
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	I	+	+	+	19	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Urinary System																							
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Urinary Bladder		M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20	
SYSTEMIC LESIONS																							
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	

* ..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: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:10
 First Dose M/F: NA / NA
 Lab: MBA

		DAY ON TEST																						
BALB/C Mouse Female	1-10 SALINE	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	0	0	0	0	0	0	0	0	0	0	0	0	
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	6	9	6		
		3	3	3	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	9	2	2		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3		
		4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	*TOTALS	

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	20
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	20
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	20
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	20
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	19
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	19
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	19
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Tooth												+											1

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21

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 + ..Tissue examined microscopically
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Experiment Number: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:11
 First Dose M/F: NA / NA
 Lab: MBA

BALB/C Mouse Female 1-10 SALINE	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	0	0	0	0	3	3	0	0	5	5	5	9	9	9	5	5	6	9	6	
	4	5	6	7	8	9	2	2	2	2	3	4	5	6	7	8	9	3	3	3	3	4	
Islets, Pancreatic		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Parathyroid Gland		+	M	M	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	17	
Pituitary Gland		+	M	+	+	+	+	M	+	+	+	+	+	+	I	+	+	+	M	I	+	M	15
Thyroid Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
General Body System																							
NONE																							
Genital System																							
Clitoral Gland		+	+	+	+	+	+	+	+	M	M	I	+	+	+	+	+	M	+	I	+	16	
Ovary		+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Uterus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	20
Hematopoietic System																							
Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	20
Lymph Node, Mandibular		+	M	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	19
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	A	+	A	18
Spleen		+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	A	+	M	18
Integumentary System																							
Mammary Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Musculoskeletal System																							

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 I ..Insufficient tissue
 M ..Missing tissue
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 BLANK ..Not examined microscopically

Experiment Number: 20305-01
 Test Type: 18-33 DAYS
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Mouse/BALB/C

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
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Date Report Requested: 10/23/2014
 Time Report Requested: 09:06:11
 First Dose M/F: NA / NA
 Lab: MBA

		DAY ON TEST																					
		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	0	0	0	0	0	0	0	0	0		
		0	0	0	3	3	3	0	0	3	3	5	5	5	9	9	9	5	5	6	9	6	
		3	3	3	0	0	0	3	3	0	0	5	5	5	2	2	2	5	5	9	2	2	
BALB/C Mouse Female 1-10 SALINE	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	
		4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	3	4
																						*TOTALS	
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Nervous System																							
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Respiratory System																							
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Trachea		I	I	+	+	+	+	I	+	+	+	+	+	+	I	+	+	+	+	+	+	17	
Special Senses System																							
Eye		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A	+	A	19	
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Urinary System																							
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
SYSTEMIC LESIONS																							
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	

** END OF REPORT **

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