

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Adeno-associated viral vector (hEPO)

CAS Number: HEPO

Date Report Requested: 10/23/2014

Time Report Requested: 09:05:51

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	3	3	3	3	3	5	5	5	5	5	9	9	9	9
		7	2	2	3	3	3	0	0	0	0	5	5	5	5	5	1	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
	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	2	1	1	1	2
	4	1	2	3	7	8	4	5	6	9	0	1	2	3	7	8	1	5	6	9	0
*TOTALS																					

Alimentary System

Esophagus	M	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	19
Gallbladder	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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
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CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

Lab: MBA

DAY ON TEST	0																				*TOTALS	
	0																					
BALB/C Mouse Male ISORMCONSALINE	1																					
	7																					
ANIMAL ID	0																					
	0																					
4																						
Parathyroid Gland	M	+	M	+	M	+	+	M	M	M	M	+	+	+	+	M	+	+	+		M	M
Pituitary Gland	I	+	+	+	+	+	+	+	+	+	+	I	I	+	I	+	+	+	+	+	+	17
Thyroid Gland	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
General Body System																						
NONE																						
Genital System																						
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Penis	+																				1	
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Lymph Node, Mandibular	+	+	M	+	+	+	+	+	+	+	I	+	I	+	+	+	+	+	I	+	+	17
Lymph Node, Mesenteric	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
Spleen	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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
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X ..Lesion present
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CAS Number: HEPO

First Dose MF: NA / NA

Species/Strain: Mouse/BALB/C

Lab: MBA

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	*TOTALS
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Musculoskeletal System	1	0	0	0	0	0	0	3	3	3	3	3	5	5	5	5	5	9	9	9	9	21
Bone	2	2	2	3	3	3	3	0	0	0	0	5	5	5	5	5	1	2	2	2	2	21
Nervous System	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Brain	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Respiratory System	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Lung	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Nose	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Trachea	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Special Senses System	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Eye	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
Harderian Gland	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Urinary System	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Kidney	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Urinary Bladder	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
SYSTEMIC LESIONS	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
Multiple Organ	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21

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First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

Lab: MBA

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

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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

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First Dose M/F: NA / NA

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	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	2	0	0	3	3	3	3	5	5	5	5	5	9	9	9	9	9	9
	2	2	2	9	3	3	0	0	0	5	5	5	5	5	2	2	2	2	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	4	4	3	3	4	4	4	4	4	4	5	5	4	4	4	5	5
	4	5	6	9	0	1	7	8	2	3	4	5	6	0	1	7	8	9	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:52

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:52

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

Lab: MBA

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:52

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	6	6	5	5	6	6	6	6	6	6	7	7	6	6	7	7	7	7
	6	7	5	1	2	8	9	0	3	4	5	6	7	1	2	8	9	0	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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:52
 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		
Parathyroid Gland	M	M	+	M	M	M	+	+	M	M	+	M	M	+	+	+	+	M	+	+	+	11
Pituitary Gland	+	+	+	+	+	+	+	I	+	+	I	+	+	+	+	+	+	+	+	+	+	19
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
General Body System																						
NONE																						
Genital System																						
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Testes	+	+	+	I	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	19
Hematopoietic System																						
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Lymph Node, Mandibular	M	+	+	+	M	M	+	+	+	I	I	+	+	+	+	+	+	+	+	I	+	15
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Spleen	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	20
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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:52
 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	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	0	0	3	3	3	3	3	5	5	5	5	5	9	9	9	9	9
		2	2	3	3	3	0	0	0	0	5	5	5	5	5	2	2	2	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
		5	5	5	6	6	5	5	6	6	6	6	6	7	7	6	6	7	7	7	7
		6	7	5	1	2	8	9	0	3	4	5	6	7	1	2	8	9	0	3	4
		*TOTALS																			
Musculoskeletal System																					
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+
Nervous System																					
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Respiratory System																					
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea		+	+	+	I	M	I	+	+	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
 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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:52
 First Dose M/F: 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
	2	0	0	0	0	0	3	3	3	3	5	5	5	5	5	7	9	9	9	9	9
	9	3	3	3	3	3	0	0	0	4	5	5	5	5	6	2	2	2	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
	8	7	7	7	8	8	7	8	8	9	8	8	8	9	8	9	9	9	9	9	9
	1	6	7	8	2	3	9	0	4	5	3	6	7	8	2	9	0	1	4	5	6
		*TOTALS																			

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:52

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	I	+	+	+	+	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:52

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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	*TOTALS	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
	2	0	0	0	0	0	0	3	3	3	3	5	5	5	5	5	7	9	9	9	9	9	
	9	3	3	3	3	3	0	0	0	0	4	5	5	5	5	6	2	2	2	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	0	0	0	
	8	7	7	7	8	8	7	8	8	8	9	8	8	8	9	8	9	9	9	9	9	9	
	1	6	7	8	2	3	9	0	4	5	3	6	7	8	2	9	0	1	4	5	6	6	
Musculoskeletal System																							
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Nervous System																							
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Respiratory System																							
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Trachea		+	+	+	I	M	+	+	+	I	I	+	+	+	+	I	A	+	+	+	+	+	15
Special Senses System																							
Eye		+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	A	+	+	+	+	+	19
Harderian Gland		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Urinary System																							
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Urinary Bladder		+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	A	+	+	+	+	+	19
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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:53

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose MF: NA / NA

Species/Strain: Mouse/BALB/C

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	2	0	0	0	3	3	3	3	5	5	5	5	5	9	9	9	9	9	9
	ANIMAL ID	2	2	9	3	3	3	0	0	0	0	5	5	5	5	2	2	2	2	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	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	0	0	0	9	9	9	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	
	3	4	1	7	8	9	0	2	5	6	7	8	9	3	4	0	1	2	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

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

Experiment Number: 20305-01

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:53

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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	
Parathyroid Gland	+	M	M	M	I	M	+	+	+	+	+	+	+	+	+	+	+	+	+	16	
Pituitary Gland	+	+	+	+	+	+	+	+	+	I	+	+	+	+	M	+	I	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	+	+	+	I	I	M	+	I	M	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	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:53

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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		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
1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
0	0	0	9	9	9	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	
3	4	1	7	8	9	0	2	5	6	7	8	9	3	4	0	1	2	5	6	7	7	
Musculoskeletal System																						
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Nervous System																						
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Trachea	+	+	+	I	+	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	I	18
Special Senses System																						
Eye	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Urinary System																						
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	I	+	+	+	+	+	+	+	+	+	+	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:53
 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	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	2	3	3	3	3	3	3	3	3	3	3
	8	9	0	4	5	1	2	3	6	7	8	9	0	4	5	1	2	3	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:53
 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	*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	3	3	0	0	0	0	0	0	5	5	5	5	5	9	9	9	9	9	
	8	9	0	4	5	1	2	2	3	6	7	8	9	0	4	5	1	2	3	3	6	
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		+	+	+	+	I	+	M	+	+	+	+	M	+	+	+	+	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Adeno-associated viral vector (hEPO)

CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:53
 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	
		0	0	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	5	5	5	5	5	9	9	9	9	9	9
	ANIMAL ID	3	3	3	3	3	0	0	0	0	0	5	5	5	5	2	2	2	2	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
	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	2	3	3	3	3	3	3	3	3	3	3
	8	9	0	4	5	1	2	3	6	7	8	9	0	4	5	1	2	3	6	7	8	8
	*TOTALS																					
Nervous System																						
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Alveolar/Bronchiolar Adenoma									X													1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	I	+	I	+	I	I	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Adeno-associated viral vector (hEPO)

CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:53
 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
		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	
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	
	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
 BLANK ..Not examined microscopically

Experiment Number: 20305-01

Test Type: 18-33 DAYS

Route: INTRADUCTAL CANNULATION

Species/Strain: Mouse/BALB/C

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Adeno-associated viral vector (hEPO)

CAS Number: HEPO

Date Report Requested: 10/23/2014

Time Report Requested: 09:05:53

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

+ ..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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Adeno-associated viral vector (hEPO)

CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:53
 First Dose M/F: NA / NA
 Lab: MBA

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

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

* ..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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:53

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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		0	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	5	5	5	5	5	9	9	9	9	9
	1-7 SALINE	2	2	3	3	3	0	0	0	0	0	5	5	5	5	5	2	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
		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	7	7	7
		3	7	1	2	8	4	5	6	9	0	1	2	3	7	8	4	5	6	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

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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:54
 First Dose M/F: NA / NA
 Lab: MBA

DAY ON TEST	BALB/C Mouse Female																				*TOTALS	
	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	0	0	0	0	3	3	3	3	3	5	5	5	5	5	9	9	9	9	9		
	2	2	3	3	3	0	0	0	0	0	5	5	5	5	5	2	2	2	2	2		
Parathyroid Gland	+	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	+	I	+	+	M	M	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

* ..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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Adeno-associated viral vector (hEPO)
 CAS Number: HEPO

Date Report Requested: 10/23/2014
 Time Report Requested: 09:05:54
 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	0	0	3	3	3	3	3	5	5	5	5	5	9	9	9	9	9	9	
		2	2	3	3	3	0	0	0	0	5	5	5	5	5	2	2	2	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		
	3	7	1	2	8	4	5	6	9	0	1	2	3	7	8	4	5	6	9	0	1	*TOTALS	
Nervous System																							
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Respiratory System																							
Lung		+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	20	
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21	
Trachea		+	I	+	I	+	+	+	+	M	+	+	+	+	+	M	+	I	+	+	+	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:54

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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		0	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	5	5	5	5	5	9	9	9	9	9	
	1-8 SALINE	3	3	3	3	3	0	0	0	0	0	5	5	5	5	2	2	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	
		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	8	8	8	8	8	8	8	8	8	9	9	9	9	
		2	3	4	8	9	5	6	7	0	1	2	3	4	8	9	5	6	7	0	1	2
*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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20305-01

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:54

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

Lab: MBA

BALB/C Mouse Female 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		
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	+	+	+	+	+	+	I	+	M	+	I	I	I	+	14
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	I	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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:54

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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	3	3	5	5	5	5	5	9	9	9	9	9	
		3	3	3	3	3	0	0	0	0	5	5	5	5	5	2	2	2	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		
		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	8	8	8	8	8	8	8	8	8	8	9	9		
		2	3	4	8	9	5	6	7	0	1	2	3	4	8	9	5	6	7	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

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

Experiment Number: 20305-01

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:54

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	3	3	3	3	3	3	3	3	3	5	5	5	5	9	9	9	9	9	9	9	
1-9 SALINE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	3	3	3	3	3	3	3	3	3	5	5	5	5	9	9	9	9	9	9	9	
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	
		2	1	1	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	
		0	9	9	9	9	0	9	9	9	0	0	0	0	1	0	0	0	1	1	1	
		9	3	4	5	9	0	6	7	8	1	2	3	4	5	0	6	7	8	1	2	3
*TOTALS																						

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20305-01

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:54

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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			
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
X ..Lesion present
I ..Insufficient tissue

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

Experiment Number: 20305-01

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:54

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

Lab: MBA

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

Nervous System

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Meninges, Lipoma												X										1

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	21
Trachea	I	+	+	I	I	I	+	I	I	+	M	+	+	+	M	+	+	I	+	+	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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 20305-01

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:54

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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 1-10 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	3	3	3	3	3	5	5	5	5	5	6	6	9	9	9
		3	3	3	3	3	0	0	0	0	0	5	5	5	5	5	2	9	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
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	2	2	1	1	1	2	2	2	2	2	3	3	3	3	2	2	2	3
	4	5	6	0	1	7	8	9	2	3	4	5	6	0	1	4	2	7	8	9	3
																					*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

* ..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

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/23/2014

Test Type: 18-33 DAYS

Test Compound: Adeno-associated viral vector (hEPO)

Time Report Requested: 09:05:55

Route: INTRADUCTAL CANNULATION

CAS Number: HEPO

First Dose M/F: NA / NA

Species/Strain: Mouse/BALB/C

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	3	3	5	5	5	5	5	6	6	9	9	9		
		3	3	3	3	3	0	0	0	0	5	5	5	5	5	2	9	2	2	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	2	1	1	1	1	2	2	2	2	3	3	3	3	2	2	2	2	3	
		4	5	6	0	1	7	8	9	2	3	4	5	6	0	1	4	2	7	8	9	3	*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 **

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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

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I ..Insufficient tissue