

Experiment Number: 20537-01
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Adenoviral Vector (AdhAQP1)

CAS Number: HAQP1

Date Report Requested: 10/19/2014

Time Report Requested: 17:39:37

First Dose M/F: NA / NA

Lab: MBA

C Number:	C20537
Lock Date:	11/19/2007
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

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SUMMARY OF STATISTICALLY SIGNIFICANT ($P \leq .05$) RESULTS IN THE ANALYSIS OF ADENOVIRAL VECTOR (ADHAQP1)

MALE RAT

Organ

Intestine Large, Colon

Prostate

Salivary Glands: Right, Submandibul GI

Morphology

Hemorrhage

Inflammation

Mitosis

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Epididymis			
Inflammation			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/13.74	0/6.37
POLY-3 PERCENT (g)	0%	7.3%	0%
INT SACRIFICE 1	0/5 (0%)	1/10 (10%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	3(l)	---
STATISTICAL TESTS			
POLY 3	P=0.753N	P=0.654	(e)
POLY 1.5	P=0.751N	P=0.651	(e)
POLY 6	P=0.754N	P=0.657	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.452N	P=0.281	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Eye: Retina			
Atrophy			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/13.74	0/6.37
POLY-3 PERCENT (g)	0%	7.3%	0%
INT SACRIFICE 1	0/5 (0%)	1/10 (10%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	3(l)	---
STATISTICAL TESTS			
POLY 3	P=0.753N	P=0.654	(e)
POLY 1.5	P=0.751N	P=0.651	(e)
POLY 6	P=0.754N	P=0.657	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.452N	P=0.281	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Eye: Retina			
Dysplasia			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/50 (0%)	0/25 (0%)
POLY-3 RATE (b)	1/7.35	0/12.74	0/6.37
POLY-3 PERCENT (g)	13.6%	0%	0%
INT SACRIFICE 1	1/5 (20%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	3(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.474N	P=0.385N	P=0.530N
POLY 1.5	P=0.481N	P=0.378N	P=0.521N
POLY 6	P=0.470N	P=0.391N	P=0.536N
COCH-ARM / FISHERS	P=1.000N	P=0.333N	P=0.500N
MAX-ISO-POLY-3	P=0.151N	P=0.104N	P=0.186N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Harderian Gland			
Degeneration			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/50 (0%)	0/25 (0%)
POLY-3 RATE (b)	1/7.12	0/12.74	0/6.37
POLY-3 PERCENT (g)	14%	0%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	57(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.479N	P=0.379N	P=0.523N
POLY 1.5	P=0.490N	P=0.368N	P=0.511N
POLY 6	P=0.471N	P=0.389N	P=0.534N
COCH-ARM / FISHERS	P=1.000N	P=0.333N	P=0.500N
MAX-ISO-POLY-3	P=0.140N	P=0.104N	P=0.178N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Harderian Gland Inflammation			
LESION RATES			
OVERALL(a)	1/25 (4%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	1/7.12	1/12.74	0/6.37
POLY-3 PERCENT (g)	14%	7.8%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	1/10 (10%)	0/5 (0%)
FIRST INCIDENCE	57(I)	92(T)	---
STATISTICAL TESTS			
POLY 3	P=0.408N	P=0.634N	P=0.523N
POLY 1.5	P=0.406N	P=0.616N	P=0.511N
POLY 6	P=0.411N	P=0.648N	P=0.534N
COCH-ARM / FISHERS	P=0.406N	P=0.559N	P=0.500N
MAX-ISO-POLY-3	P=0.251N	P=0.344N	P=0.178N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Harderian Gland Regeneration			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/50 (0%)	0/25 (0%)
POLY-3 RATE (b)	1/7.12	0/12.74	0/6.37
POLY-3 PERCENT (g)	14%	0%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	57(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.479N	P=0.379N	P=0.523N
POLY 1.5	P=0.490N	P=0.368N	P=0.511N
POLY 6	P=0.471N	P=0.389N	P=0.534N
COCH-ARM / FISHERS	P=1.000N	P=0.333N	P=0.500N
MAX-ISO-POLY-3	P=0.140N	P=0.104N	P=0.178N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Heart			
Cardiomyopathy			
LESION RATES			
OVERALL(a)	6/25 (24%)	19/50 (38%)	11/25 (44%)
POLY-3 RATE (b)	6/9.09	19/23.18	11/12.59
POLY-3 PERCENT (g)	66%	82%	87.4%
INT SACRIFICE 1	0/5 (0%)	1/10 (10%)	2/5 (40%)
INT SACRIFICE 2	1/5 (20%)	1/10 (10%)	0/5 (0%)
TERMINAL (d)	3/5 (60%)	7/10 (70%)	4/5 (80%)
FIRST INCIDENCE	15(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.282	P=0.296	P=0.231
POLY 1.5	P=0.213	P=0.198	P=0.155
POLY 6	P=0.348	P=0.398	P=0.324
COCH-ARM / FISHERS	P=0.149	P=0.171	P=0.116
MAX-ISO-POLY-3	P=0.178	P=0.204	P=0.126
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Intestine Large, Colon Hemorrhage			
LESION RATES			
OVERALL(a)	0/25 (0%)	0/50 (0%)	2/25 (8%)
POLY-3 RATE (b)	0/6.35	0/12.74	2/7.89
POLY-3 PERCENT (g)	0%	0%	25.3%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	57(l)
STATISTICAL TESTS			
POLY 3	P=0.054	(e)	P=0.274
POLY 1.5	P=0.048*	(e)	P=0.251
POLY 6	P=0.062	(e)	P=0.297
COCH-ARM / FISHERS	P=0.048*	(e)	P=0.245
MAX-ISO-POLY-3	P=0.063	(e)	P=0.108
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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First Dose M/F: NA / NA

Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Intestine Large, Colon			
Hemorrhage Acute Diffuse			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/13.73	0/6.37
POLY-3 PERCENT (g)	0%	7.3%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	1/10 (10%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	15(l)	---
STATISTICAL TESTS			
POLY 3	P=0.753N	P=0.654	(e)
POLY 1.5	P=0.751N	P=0.650	(e)
POLY 6	P=0.754N	P=0.657	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.452N	P=0.281	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Intestine Large, Colon			
Hemorrhage Diffuse			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/50 (0%)	0/25 (0%)
POLY-3 RATE (b)	1/7.35	0/12.74	0/6.37
POLY-3 PERCENT (g)	13.6%	0%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	1/5 (20%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	15(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.474N	P=0.385N	P=0.529N
POLY 1.5	P=0.482N	P=0.377N	P=0.520N
POLY 6	P=0.470N	P=0.391N	P=0.536N
COCH-ARM / FISHERS	P=1.000N	P=0.333N	P=0.500N
MAX-ISO-POLY-3	P=0.151N	P=0.104N	P=0.186N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Kidney			
Nephropathy			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/13.50	0/6.37
POLY-3 PERCENT (g)	0%	7.4%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	57(l)	---
STATISTICAL TESTS			
POLY 3	P=0.752N	P=0.651	(e)
POLY 1.5	P=0.750N	P=0.646	(e)
POLY 6	P=0.754N	P=0.656	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.450N	P=0.278	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Kidney: Renal Tubule			
Casts Protein			
LESION RATES			
OVERALL(a)	0/25 (0%)	0/50 (0%)	1/25 (4%)
POLY-3 RATE (b)	0/6.35	0/12.74	1/7.37
POLY-3 PERCENT (g)	0%	0%	13.6%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	1/5 (20%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	3(l)
STATISTICAL TESTS			
POLY 3	P=0.272	(e)	P=0.530
POLY 1.5	P=0.266	(e)	P=0.523
POLY 6	P=0.276	(e)	P=0.536
COCH-ARM / FISHERS	P=0.251	(e)	P=0.500
MAX-ISO-POLY-3	P=0.152	(e)	P=0.187
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Liver			
Basophilic Focus			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/13.50	0/6.37
POLY-3 PERCENT (g)	0%	7.4%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	57(l)	---
STATISTICAL TESTS			
POLY 3	P=0.752N	P=0.651	(e)
POLY 1.5	P=0.750N	P=0.646	(e)
POLY 6	P=0.754N	P=0.656	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.450N	P=0.278	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

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 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Liver			
Inflammation			
LESION RATES			
OVERALL(a)	7/25 (28%)	6/50 (12%)	2/25 (8%)
POLY-3 RATE (b)	7/12.78	6/15.99	2/7.34
POLY-3 PERCENT (g)	54.8%	37.5%	27.2%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	2/5 (40%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	2/10 (20%)	1/5 (20%)
FIRST INCIDENCE	15(l)	29(l)	29(l)
STATISTICAL TESTS			
POLY 3	P=0.179N	P=0.282N	P=0.243N
POLY 1.5	P=0.126N	P=0.197N	P=0.159N
POLY 6	P=0.228N	P=0.332N	P=0.308N
COCH-ARM / FISHERS	P=0.096N	P=0.083N	P=0.069N
MAX-ISO-POLY-3	P=0.229N	P=0.180N	P=0.176N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Pancreas: Acinus			
Atrophy			
LESION RATES			
OVERALL(a)	0/25 (0%)	2/50 (4%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	2/13.50	0/6.37
POLY-3 PERCENT (g)	0%	14.8%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	1/10 (10%)	0/5 (0%)
FIRST INCIDENCE	---	57(l)	---
STATISTICAL TESTS			
POLY 3	P=0.599N	P=0.412	(e)
POLY 1.5	P=0.596N	P=0.406	(e)
POLY 6	P=0.601N	P=0.419	(e)
COCH-ARM / FISHERS	P=0.594N	P=0.441	(e)
MAX-ISO-POLY-3	P=0.355N	P=0.195	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
Test Compound: Adenoviral Vector (AdhAQP1)
CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
LAST REMOVAL AT 9 WEEKS

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Pituitary Gland: Pars Intermed			
Hyperplasia Focal			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/47 (0%)	0/25 (0%)
POLY-3 RATE (b)	1/6.35	0/11.67	0/6.37
POLY-3 PERCENT (g)	15.7%	0%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	1/5 (20%)	0/9 (0%)	0/5 (0%)
FIRST INCIDENCE	92(T)	---	---
STATISTICAL TESTS			
POLY 3	P=0.491N	P=0.374N	P=0.500N
POLY 1.5	P=0.493N	P=0.374N	P=0.499N
POLY 6	P=0.488N	P=0.377N	P=0.500N
COCH-ARM / FISHERS	P=0.496N	P=0.347N	P=0.500N
MAX-ISO-POLY-3	P=0.110N	P=0.108N	P=0.150N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Pituitary Gland: Rathkes Cleft			
Cyst Focal			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/47 (0%)	0/25 (0%)
POLY-3 RATE (b)	1/6.35	0/11.67	0/6.37
POLY-3 PERCENT (g)	15.7%	0%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	1/5 (20%)	0/9 (0%)	0/5 (0%)
FIRST INCIDENCE	92(T)	---	---
STATISTICAL TESTS			
POLY 3	P=0.491N	P=0.374N	P=0.500N
POLY 1.5	P=0.493N	P=0.374N	P=0.499N
POLY 6	P=0.488N	P=0.377N	P=0.500N
COCH-ARM / FISHERS	P=0.496N	P=0.347N	P=0.500N
MAX-ISO-POLY-3	P=0.110N	P=0.108N	P=0.150N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Prostate Inflammation			
LESION RATES			
OVERALL(a)	2/25 (8%)	0/50 (0%)	0/25 (0%)
POLY-3 RATE (b)	2/8.35	0/12.74	0/6.37
POLY-3 PERCENT (g)	24%	0%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	2/5 (40%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	15(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.197N	P=0.129N	P=0.289N
POLY 1.5	P=0.204N	P=0.118N	P=0.271N
POLY 6	P=0.194N	P=0.138N	P=0.302N
COCH-ARM / FISHERS	P=0.238N	P=0.108N	P=0.245N
MAX-ISO-POLY-3	P=0.075N	P=0.032N*	P=0.121N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Prostate			
Inflammation Acute Focal			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/13.74	0/6.37
POLY-3 PERCENT (g)	0%	7.3%	0%
INT SACRIFICE 1	0/5 (0%)	1/10 (10%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	3(l)	---
STATISTICAL TESTS			
POLY 3	P=0.753N	P=0.654	(e)
POLY 1.5	P=0.751N	P=0.651	(e)
POLY 6	P=0.754N	P=0.657	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.452N	P=0.281	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Prostate			
Inflammation Acute Focal			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/12.74	0/6.37
POLY-3 PERCENT (g)	0%	7.8%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	1/10 (10%)	0/5 (0%)
FIRST INCIDENCE	---	92(T)	---
STATISTICAL TESTS			
POLY 3	P=0.750N	P=0.641	(e)
POLY 1.5	P=0.749N	P=0.641	(e)
POLY 6	P=0.751N	P=0.641	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.440N	P=0.266	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Prostate			
Inflammation Chronic			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/13.74	0/6.37
POLY-3 PERCENT (g)	0%	7.3%	0%
INT SACRIFICE 1	0/5 (0%)	1/10 (10%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	3(l)	---
STATISTICAL TESTS			
POLY 3	P=0.753N	P=0.654	(e)
POLY 1.5	P=0.751N	P=0.651	(e)
POLY 6	P=0.754N	P=0.657	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.452N	P=0.281	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Left, Parotid GI			
Degeneration			
LESION RATES			
OVERALL(a)	1/22 (5%)	1/47 (2%)	0/23 (0%)
POLY-3 RATE (b)	1/5.88	1/11.50	0/4.37
POLY-3 PERCENT (g)	17%	8.7%	0%
INT SACRIFICE 1	1/5 (20%)	1/10 (10%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	3(l)	---
STATISTICAL TESTS			
POLY 3	P=0.436N	P=0.612N	P=0.561N
POLY 1.5	P=0.422N	P=0.595N	P=0.528N
POLY 6	P=0.448N	P=0.629N	P=0.590N
COCH-ARM / FISHERS	P=0.401N	P=0.539N	P=0.489N
MAX-ISO-POLY-3	P=0.309N	P=0.323N	P=0.221N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Left, Parotid GI			
Mitosis			
LESION RATES			
OVERALL(a)	2/22 (9%)	3/47 (6%)	4/23 (17%)
POLY-3 RATE (b)	2/6.88	3/13.50	4/8.37
POLY-3 PERCENT (g)	29.1%	22.2%	47.8%
INT SACRIFICE 1	2/5 (40%)	3/10 (30%)	4/5 (80%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.220	P=0.583N	P=0.412
POLY 1.5	P=0.223	P=0.557N	P=0.424
POLY 6	P=0.214	P=0.608N	P=0.392
COCH-ARM / FISHERS	P=0.179	P=0.514N	P=0.354
MAX-ISO-POLY-3	P=0.242	P=0.380N	P=0.242
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Left, Sublingual Gland			
Regeneration			
LESION RATES			
OVERALL(a)	0/22 (0%)	1/47 (2%)	0/23 (0%)
POLY-3 RATE (b)	0/4.88	1/10.50	0/4.37
POLY-3 PERCENT (g)	0%	9.5%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	1/8 (12%)	0/3 (0%)
FIRST INCIDENCE	---	92(T)	---
STATISTICAL TESTS			
POLY 3	P=0.772N	P=0.657	(e)
POLY 1.5	P=0.757N	P=0.662	(e)
POLY 6	P=0.786N	P=0.648	(e)
COCH-ARM / FISHERS	P=0.747N	P=0.681	(e)
MAX-ISO-POLY-3	P=0.466	P=0.275	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Left, Submandibul GI			
Degeneration			
LESION RATES			
OVERALL(a)	2/22 (9%)	2/47 (4%)	1/23 (4%)
POLY-3 RATE (b)	2/6.88	2/12.50	1/5.37
POLY-3 PERCENT (g)	29.1%	16%	18.6%
INT SACRIFICE 1	2/5 (40%)	2/10 (20%)	1/5 (20%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.551N	P=0.461N	P=0.596N
POLY 1.5	P=0.524N	P=0.433N	P=0.546N
POLY 6	P=0.576N	P=0.490N	P=0.640N
COCH-ARM / FISHERS	P=0.493N	P=0.381N	P=0.483N
MAX-ISO-POLY-3	P=0.444N	P=0.262N	P=0.356N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:37
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

MALE			
DOSE	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Left, Submandibul GI			
Inflammation			
LESION RATES			
OVERALL(a)	1/22 (5%)	3/47 (6%)	2/23 (9%)
POLY-3 RATE (b)	1/5.88	3/13.49	2/6.36
POLY-3 PERCENT (g)	17%	22.2%	31.4%
INT SACRIFICE 1	1/5 (20%)	1/10 (10%)	1/5 (20%)
INT SACRIFICE 2	0/5 (0%)	2/10 (20%)	1/5 (20%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.450	P=0.635	P=0.532
POLY 1.5	P=0.469	P=0.635	P=0.545
POLY 6	P=0.427	P=0.625	P=0.509
COCH-ARM / FISHERS	P=0.451	P=0.794N	P=0.517
MAX-ISO-POLY-3	P=0.395	P=0.414	P=0.283
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Left, Submandibul GI			
Mitosis			
LESION RATES			
OVERALL(a)	1/22 (5%)	0/47 (0%)	0/23 (0%)
POLY-3 RATE (b)	1/5.88	0/10.50	0/4.37
POLY-3 PERCENT (g)	17%	0%	0%
INT SACRIFICE 1	1/5 (20%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.459N	P=0.377N	P=0.561N
POLY 1.5	P=0.477N	P=0.362N	P=0.528N
POLY 6	P=0.443N	P=0.393N	P=0.590N
COCH-ARM / FISHERS	P=0.497N	P=0.319N	P=0.489N
MAX-ISO-POLY-3	P=0.199N	P=0.097N	P=0.221N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Left, Submandibul GI			
Regeneration			
LESION RATES			
OVERALL(a)	1/22 (5%)	5/47 (11%)	5/23 (22%)
POLY-3 RATE (b)	1/5.88	5/13.47	5/8.30
POLY-3 PERCENT (g)	17%	37.1%	60.2%
INT SACRIFICE 1	1/5 (20%)	2/10 (20%)	1/5 (20%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	1/5 (20%)
TERMINAL (d)	0/4 (0%)	2/8 (25%)	1/3 (33%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.098	P=0.364	P=0.133
POLY 1.5	P=0.091	P=0.374	P=0.130
POLY 6	P=0.096	P=0.346	P=0.126
COCH-ARM / FISHERS	P=0.069	P=0.371	P=0.103
MAX-ISO-POLY-3	P=0.095	P=0.228	P=0.072
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Adenoviral Vector (AdhAQP1)

CAS Number: HAQP1

Date Report Requested: 10/19/2014

Time Report Requested: 17:39:38

First Dose M/F: NA / NA

Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Parotid Gl, Right			
Degeneration			
LESION RATES			
OVERALL(a)	1/22 (5%)	1/47 (2%)	2/23 (9%)
POLY-3 RATE (b)	1/5.88	1/11.50	2/6.37
POLY-3 PERCENT (g)	17%	8.7%	31.4%
INT SACRIFICE 1	1/5 (20%)	1/10 (10%)	2/5 (40%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.320	P=0.612N	P=0.532
POLY 1.5	P=0.328	P=0.595N	P=0.548
POLY 6	P=0.309	P=0.629N	P=0.509
COCH-ARM / FISHERS	P=0.309	P=0.539N	P=0.517
MAX-ISO-POLY-3	P=0.248	P=0.323N	P=0.284
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Adenoviral Vector (AdhAQP1)

CAS Number: HAQP1

Date Report Requested: 10/19/2014

Time Report Requested: 17:39:38

First Dose M/F: NA / NA

Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Parotid Gl, Right			
Mitosis			
LESION RATES			
OVERALL(a)	2/22 (9%)	3/47 (6%)	3/23 (13%)
POLY-3 RATE (b)	2/6.88	3/13.50	3/7.37
POLY-3 PERCENT (g)	29.1%	22.2%	40.7%
INT SACRIFICE 1	2/5 (40%)	3/10 (30%)	3/5 (60%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.377	P=0.583N	P=0.539
POLY 1.5	P=0.391	P=0.557N	P=0.559
POLY 6	P=0.359	P=0.608N	P=0.510
COCH-ARM / FISHERS	P=0.363	P=0.514N	P=0.522
MAX-ISO-POLY-3	P=0.347	P=0.380N	P=0.324
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Parotid Gl, Right			
Regeneration			
LESION RATES			
OVERALL(a)	0/22 (0%)	1/47 (2%)	1/23 (4%)
POLY-3 RATE (b)	0/4.88	1/11.50	1/5.37
POLY-3 PERCENT (g)	0%	8.7%	18.6%
INT SACRIFICE 1	0/5 (0%)	1/10 (10%)	1/5 (20%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	---	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.416	P=0.672	P=0.520
POLY 1.5	P=0.431	P=0.672	P=0.529
POLY 6	P=0.397	P=0.667	P=0.506
COCH-ARM / FISHERS	P=0.409	P=0.681	P=0.511
MAX-ISO-POLY-3	P=0.235	P=0.293	P=0.168
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Right, Sublingual GI			
Inflammation			
LESION RATES			
OVERALL(a)	0/22 (0%)	0/47 (0%)	1/23 (4%)
POLY-3 RATE (b)	0/4.88	0/10.50	1/5.36
POLY-3 PERCENT (g)	0%	0%	18.7%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	1/5 (20%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	---	---	15(l)
STATISTICAL TESTS			
POLY 3	P=0.255	(e)	P=0.520
POLY 1.5	P=0.261	(e)	P=0.528
POLY 6	P=0.246	(e)	P=0.506
COCH-ARM / FISHERS	P=0.253	(e)	P=0.511
MAX-ISO-POLY-3	P=0.126	(e)	P=0.168
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Right, Sublingual GI			
Regeneration			
LESION RATES			
OVERALL(a)	0/22 (0%)	0/47 (0%)	1/23 (4%)
POLY-3 RATE (b)	0/4.88	0/10.50	1/5.36
POLY-3 PERCENT (g)	0%	0%	18.7%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	1/5 (20%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	---	---	15(l)
STATISTICAL TESTS			
POLY 3	P=0.255	(e)	P=0.520
POLY 1.5	P=0.261	(e)	P=0.528
POLY 6	P=0.246	(e)	P=0.506
COCH-ARM / FISHERS	P=0.253	(e)	P=0.511
MAX-ISO-POLY-3	P=0.126	(e)	P=0.168
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Right, Submandibul GI			
Degeneration			
LESION RATES			
OVERALL(a)	2/22 (9%)	9/47 (19%)	4/23 (17%)
POLY-3 RATE (b)	2/6.88	9/19.50	4/8.37
POLY-3 PERCENT (g)	29.1%	46.2%	47.8%
INT SACRIFICE 1	2/5 (40%)	9/10 (90%)	4/5 (80%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.467	P=0.375	P=0.412
POLY 1.5	P=0.492	P=0.362	P=0.424
POLY 6	P=0.437	P=0.374	P=0.392
COCH-ARM / FISHERS	P=0.437	P=0.245	P=0.354
MAX-ISO-POLY-3	P=0.359	P=0.275	P=0.242
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Right, Submandibul GI			
Inflammation			
LESION RATES			
OVERALL(a)	5/22 (23%)	21/47 (45%)	9/23 (39%)
POLY-3 RATE (b)	5/9.86	21/30.31	9/13.11
POLY-3 PERCENT (g)	50.7%	69.3%	68.6%
INT SACRIFICE 1	1/5 (20%)	8/10 (80%)	4/5 (80%)
INT SACRIFICE 2	4/5 (80%)	7/10 (70%)	4/5 (80%)
TERMINAL (d)	0/4 (0%)	1/8 (12%)	0/3 (0%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.456	P=0.257	P=0.326
POLY 1.5	P=0.473	P=0.223	P=0.320
POLY 6	P=0.448	P=0.266	P=0.325
COCH-ARM / FISHERS	P=0.353	P=0.067	P=0.194
MAX-ISO-POLY-3	P=0.301	P=0.212	P=0.212
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Adenoviral Vector (AdhAQP1)

CAS Number: HAQP1

Date Report Requested: 10/19/2014

Time Report Requested: 17:39:38

First Dose M/F: NA / NA

Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Right, Submandibul Gl			
Mitosis			
LESION RATES			
OVERALL(a)	2/22 (9%)	0/47 (0%)	0/23 (0%)
POLY-3 RATE (b)	2/6.88	0/10.50	0/4.37
POLY-3 PERCENT (g)	29.1%	0%	0%
INT SACRIFICE 1	2/5 (40%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/4 (0%)	0/8 (0%)	0/3 (0%)
FIRST INCIDENCE	3(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.186N	P=0.124N	P=0.336N
POLY 1.5	P=0.195N	P=0.107N	P=0.285N
POLY 6	P=0.184N	P=0.143N	P=0.384N
COCH-ARM / FISHERS	P=0.233N	P=0.098N	P=0.233N
MAX-ISO-POLY-3	P=0.123N	P=0.027N*	P=0.161N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Adenoviral Vector (AdhAQP1)

CAS Number: HAQP1

Date Report Requested: 10/19/2014

Time Report Requested: 17:39:38

First Dose M/F: NA / NA

Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Salivary Glands: Right, Submandibul GI			
Regeneration			
LESION RATES			
OVERALL(a)	20/22 (91%)	43/47 (91%)	20/23 (87%)
POLY-3 RATE (b)	20/20.00	43/45.03	20/21.00
POLY-3 PERCENT (g)	100%	95.5%	95.2%
INT SACRIFICE 1	3/5 (60%)	9/10 (90%)	4/5 (80%)
INT SACRIFICE 2	5/5 (100%)	10/10 (100%)	4/5 (80%)
TERMINAL (d)	4/4 (100%)	6/8 (75%)	2/3 (67%)
FIRST INCIDENCE	3(l)	3(l)	3(l)
STATISTICAL TESTS			
POLY 3	P=0.505N	P=0.424N	P=0.508N
POLY 1.5	P=0.494N	P=0.403N	P=0.487N
POLY 6	P=0.504N	P=0.430N	P=0.510N
COCH-ARM / FISHERS	P=0.416N	P=0.629	P=0.522N
MAX-ISO-POLY-3	P=0.299N	P=0.211N	P=0.167N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Stomach, Glandular Mineralization			
LESION RATES			
OVERALL(a)	1/25 (4%)	4/50 (8%)	2/25 (8%)
POLY-3 RATE (b)	1/7.35	4/16.73	2/8.33
POLY-3 PERCENT (g)	13.6%	23.9%	24%
INT SACRIFICE 1	0/5 (0%)	2/10 (20%)	0/5 (0%)
INT SACRIFICE 2	1/5 (20%)	2/10 (20%)	1/5 (20%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	15(l)	3(l)	15(l)
STATISTICAL TESTS			
POLY 3	P=0.550	P=0.489	P=0.548
POLY 1.5	P=0.532	P=0.477	P=0.532
POLY 6	P=0.559	P=0.497	P=0.557
COCH-ARM / FISHERS	P=1.000	P=0.456	P=0.500
MAX-ISO-POLY-3	P=0.447	P=0.319	P=0.312
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Tongue			
Fibrosis Focal			
LESION RATES			
OVERALL(a)	0/25 (0%)	0/50 (0%)	1/25 (4%)
POLY-3 RATE (b)	0/6.35	0/12.74	1/7.36
POLY-3 PERCENT (g)	0%	0%	13.6%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	1/5 (20%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	---	15(l)
STATISTICAL TESTS			
POLY 3	P=0.271	(e)	P=0.530
POLY 1.5	P=0.265	(e)	P=0.522
POLY 6	P=0.276	(e)	P=0.536
COCH-ARM / FISHERS	P=0.251	(e)	P=0.500
MAX-ISO-POLY-3	P=0.152	(e)	P=0.187
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Adenoviral Vector (AdhAQP1)

CAS Number: HAQP1

Date Report Requested: 10/19/2014

Time Report Requested: 17:39:38

First Dose M/F: NA / NA

Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Tongue			
Infiltration Cellular Histiocyte Focal			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/50 (0%)	0/25 (0%)
POLY-3 RATE (b)	1/7.32	0/12.74	0/6.37
POLY-3 PERCENT (g)	13.7%	0%	0%
INT SACRIFICE 1	0/5 (0%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	29(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.475N	P=0.384N	P=0.529N
POLY 1.5	P=0.484N	P=0.375N	P=0.518N
POLY 6	P=0.470N	P=0.391N	P=0.536N
COCH-ARM / FISHERS	P=1.000N	P=0.333N	P=0.500N
MAX-ISO-POLY-3	P=0.150N	P=0.104N	P=0.185N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
 Test Compound: Adenoviral Vector (AdhAQP1)
 CAS Number: HAQP1

Date Report Requested: 10/19/2014
 Time Report Requested: 17:39:38
 First Dose M/F: NA / NA
 Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Tongue			
Necrosis			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/50 (0%)	0/25 (0%)
POLY-3 RATE (b)	1/7.35	0/12.74	0/6.37
POLY-3 PERCENT (g)	13.6%	0%	0%
INT SACRIFICE 1	1/5 (20%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	3(l)	---	---
STATISTICAL TESTS			
POLY 3	P=0.474N	P=0.385N	P=0.530N
POLY 1.5	P=0.481N	P=0.378N	P=0.521N
POLY 6	P=0.470N	P=0.391N	P=0.536N
COCH-ARM / FISHERS	P=1.000N	P=0.333N	P=0.500N
MAX-ISO-POLY-3	P=0.151N	P=0.104N	P=0.186N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Adenoviral Vector (AdhAQP1)

CAS Number: HAQP1

Date Report Requested: 10/19/2014

Time Report Requested: 17:39:38

First Dose M/F: NA / NA

Lab: MBA

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Urinary Bladder Mineralization			
LESION RATES			
OVERALL(a)	0/25 (0%)	1/50 (2%)	0/25 (0%)
POLY-3 RATE (b)	0/6.35	1/13.74	0/6.37
POLY-3 PERCENT (g)	0%	7.3%	0%
INT SACRIFICE 1	0/5 (0%)	1/10 (10%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	---	3(l)	---
STATISTICAL TESTS			
POLY 3	P=0.753N	P=0.654	(e)
POLY 1.5	P=0.751N	P=0.651	(e)
POLY 6	P=0.754N	P=0.657	(e)
COCH-ARM / FISHERS	P=0.749N	P=0.667	(e)
MAX-ISO-POLY-3	P=0.452N	P=0.281	(e)
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
 Test Type: 90-DAY
 Route: INTRADUCTAL CANNULATION
 Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS
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**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN RAT(F 344/N)
 LAST REMOVAL AT 9 WEEKS**

DOSE	MALE		
	VEHCONTRCOHR E	2-8ADHAQP1COHTB	8-9ADHAQP1COHTA
Urinary Bladder: Mucosa			
Hyperplasia			
LESION RATES			
OVERALL(a)	1/25 (4%)	0/50 (0%)	1/25 (4%)
POLY-3 RATE (b)	1/7.35	0/12.74	1/7.13
POLY-3 PERCENT (g)	13.6%	0%	14%
INT SACRIFICE 1	1/5 (20%)	0/10 (0%)	0/5 (0%)
INT SACRIFICE 2	0/5 (0%)	0/10 (0%)	0/5 (0%)
TERMINAL (d)	0/5 (0%)	0/10 (0%)	0/5 (0%)
FIRST INCIDENCE	3(l)	---	57(l)
STATISTICAL TESTS			
POLY 3	P=0.611	P=0.385N	P=0.768
POLY 1.5	P=0.602	P=0.378N	P=0.761
POLY 6	P=0.620	P=0.391N	P=0.774
COCH-ARM / FISHERS	P=0.594	P=0.333N	P=0.755N
MAX-ISO-POLY-3	P=0.354	P=0.104N	P=0.491
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 20537-01
Test Type: 90-DAY
Route: INTRADUCTAL CANNULATION
Species/Strain: Rat/F 344/N

P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS

Test Compound: Adenoviral Vector (AdhAQP1)
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LEGEND

- (a) Number of tumor-bearing animals/number of animals examined at site.
 - (b) Number of tumor-bearing animals/Poly-3 number
 - (d) Observed incidence at terminal kill.
 - (e) Value of statistic cannot be computed.
 - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
 - (g) Poly-3 adjusted lifetime tumor incidence.
 - (n) No statistics are calculated if all dose groups have fewer than two tumors.
 - (I) Interim sacrifice
 - (T) Terminal sacrifice
 - # Tumor rates based on numbers of animals necropsied.
 - * To the right of any statistical result, indicates significance at ($P \leq 0.05$).
 - ** To the right of any statistical result, indicates significance at ($P \leq 0.01$).
 - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

**** END OF REPORT ****