

Supplementary Information:

Table S1. The body weight of rabbits and hamsters monitored throughout the study.

Individual Bodyweights - Hamsters										
Sex: Both Bodyweight (grams)										
Group 1	Day(s) Relative to Start Date									
	1	5	9	12	15	19	22	26	28	
18494	116.3	118.0	119.6	119.4	121.0	123.7	125.0	127.0	127.8	
18495	128.2	128.0	127.7	126.8	127.0	128.5	128.4	131.0	128.0	
18502	118.6	120.8	126.8	130.1	129.6	132.2	132.9	135.0	137.4	
Mean	121.03	122.27	124.70	125.43	125.87	128.13	128.77	131.00	131.07	
SD	6.31	5.16	4.44	5.48	4.41	4.26	3.96	4.00	5.49	
N	3	3	3	3	3	3	3	3	3	

Individual Bodyweights - Hamsters										
Sex: Both Bodyweight (grams)										
Group 2	Day(s) Relative to Start Date									
	1	5	9	12	15	19	22	26	28	
18496	125.0	119.6	119.0	119.3	120.0	122.5	124.7	126.0	129.3	
18503	131.0	134.2	135.0	135.8	135.5	137.2	137.2	139.0	140.2	
18504	135.7	136.5	135.0	133.4	131.0	134.7	138.0	139.0	140.0	
Mean	130.57	130.10	129.67	129.50	128.83	131.47	133.30	134.67	136.50	
SD	5.36	9.17	9.24	8.91	7.97	7.46	7.51	6.24	6.24	
N	3	3	3	3	3	3	3	3	3	

Individual Bodyweights - Hamsters										
Sex: Both Bodyweight (grams)										
Group 3	Day(s) Relative to Start Date									
	1	5	9	12	15	19	22	26	28	
18497	128.0	127.5	125.0	126.9	128.0	128.4	128.3	127.0	127.3	
18498	111.5	110.1	109.5	110.3	107.0	110.2	109.0	112.0	113.0	
18505	128.5	126.1	126.8	126.4	127.4	128.0	128.5	129.0	131.4	
Mean	122.67	121.23	120.43	121.20	120.80	122.20	121.93	122.67	123.90	
SD	9.67	9.67	9.51	9.44	11.95	10.39	11.20	9.29	9.66	
N	3	3	3	3	3	3	3	3	3	

Individual Bodyweights - Hamsters										
Sex: Both Bodyweight (grams)										
Group 4	Day(s) Relative to Start Date									
	1	5	9	12	15	19	22	26	28	
18499	137.0	136.3	139.2	138.8	140.6	139.7	140.0	142.0	142.0	
18506	122.7	123.6	120.6	120.2	-	117.1	117.0	120.0	120.0	
Mean	129.85	129.95	129.90	129.50	140.60	128.40	128.50	131.00	131.00	
SD	10.11	8.98	13.15	13.15	-	15.98	16.26	15.56	15.56	
N	2	2	2	2	1	2	2	2	2	

Individual Bodyweights - Rabbits										
Sex: Both Bodyweight (kg)										
Group 5	Day(s) Relative to Start Date									
	1	5	9	12	15	19	22	26	28	
18480	3.2	3.2	3.1	3.2	3.2	3.3	3.3	3.4	3.3	
18481	2.8	3.0	3.1	3.1	3.1	3.1	3.2	3.1	3.2	
18487	2.3	2.4	2.5	2.6	2.6	2.7	2.7	2.7	2.7	
Mean	2.77	2.87	2.90	2.97	2.97	3.03	3.07	3.07	3.07	
SD	0.45	0.42	0.35	0.32	0.32	0.31	0.32	0.35	0.32	
N	3	3	3	3	3	3	3	3	3	

Individual Bodyweights - Rabbits										
Sex: Both Bodyweight (kg)										
Group 6	Day(s) Relative to Start Date									
	1	5	9	12	15	19	22	26	28	
18486	-	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.2	
18488	2.5	2.6	2.8	2.8	2.9	3.0	3.1	3.1	2.9	
18489	2.5	2.6	2.7	2.8	2.8	2.9	2.9	2.9	2.8	
Mean	2.50	2.80	2.90	2.97	3.00	3.07	3.10	3.13	2.97	
SD	0.00	0.35	0.26	0.29	0.26	0.21	0.20	0.25	0.21	
N	2	3	3	3	3	3	3	3	3	

Individual Bodyweights - Rabbits										
Sex: Both Bodyweight (kg)										
Group 7	Day(s) Relative to Start Date									
	1	5	9	12	15	19	22	26	28	
18483	3.1	2.9	3.0	3.1	3.1	3.1	3.2	3.3	3.3	
18484	3.0	2.1	3.2	3.2	3.2	3.3	3.3	3.2	3.1	
18490	2.5	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8	
Mean	2.87	2.53	2.97	3.00	3.00	3.10	3.10	3.10	3.07	
SD	0.32	0.40	0.25	0.26	0.26	0.25	0.26	0.26	0.25	
N	3	3	3	3	3	3	3	3	3	

Individual Bodyweights - Rabbits										
Sex: Both Bodyweight (kg)										
Group 8	Day(s) Relative to Start Date									
	1	5	9	12	15	19	22	26	28	
18485	3.0	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2	
18492	2.4	2.5	2.6	2.7	2.7	2.8	2.8	2.8	2.7	
Mean	2.70	2.75	2.85	2.95	2.95	3.00	3.00	3.00	2.95	
SD	0.42	0.35	0.35	0.35	0.35	0.28	0.28	0.28	0.35	
N	2	2	2	2	2	2	2	2	2	

Table S2. Draize score and poxvirus gene copy number (*) in rabbits and hamsters monitored during different time points.

Species	Group	Animal	Day 1 (2 hr post)		Day 1 (5 hr post)		Day 2		Day 3		Day 4		Day 5		Day 10		Day 20		Mean Copy number
			Erythema	Edema	Erythema	Edema	Erythema	Edema	Erythema	Edema	Erythema	Edema	Erythema	Edema	Erythema	Edema	Erythema	Edema	
Hamsters	1	18494	2	0	2	0	2	0	2	0	0	1	1	1	1	0	0	0	0
	1	18495	1	0	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0
	1	18502	1	0	1	0	1	0	1	0	1	0	1	1	1	0	0	0	0
	2	18503	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0
	2	18504	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0
	2	18496	2	0	2	0	2	0	1	0	1	0	2	0	1	0	0	0	0
	3	18497	1	0	0	0	0	1	1	0	1	0	1	0	1	0	0	0	0
	3	18498	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
	3	18505	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
	4	18499	1	0	1	0	1	0	1	0	1	0	2	0	1	0	0	0	0
Rabbits	4	18506	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
	5	18480	0	1	0	0	0	1	0	0	0	1	2	1	1	0	1	0	0
	5	18481	2	0	2	0	1	0	1	0	2	1	2	1	2	1	1	0	0
	5	18487	0	0	0	0	0	0	0	1	2	0	2	0	1	1	1	0	0
	6	18488	1	0	0	0	0	1	0	1	0	1	0	1	0	1	0	0	0
	6	18489	1	0	1	0	0	0	0	0	0	1	0	1	1	1	0	0	0
	6	18486	2	0	2	0	1	0	1	0	2	1	2	2	2	0	1	0	0
	7	18483	2	0	2	0	2	0	1	0	1	1	2	0	2	1	1	0	0
	7	18484	1	0	1	1	1	1	0	0	0	1	2	0	2	0	1	0	0
	7	18490	1	1	1	1	1	1	1	1	0	1	1	0	0	1	2	0	0
	8	18485	1	0	1	0	1	1	1	1	2	2	3	1	3	1	1	0	0
	8	18492	1	1	1	1	1	1	0	1	2	0	2	1	3	0	1	0	0