

SUPPLEMENTARY TABLES

Supplementary Table 1. Overall results of 2nd experiment shown as percent change from baseline by experimental group: Control, Low Dose, and High Dose.

Control

Average	Weight	Bioluminescence	PET mean % change	PET max	MRI
Post Drug 1	0.0	0.9			0.4
Post Drug 2	-0.1	2.2	0.3	0.2	0.9
Post Drug 3	0.0	4.9	1.5	1.1	1.7

Low Dose

Average	Weight	Bioluminescence	PET mean	PET max	MRI
Post Drug 1	0.0	-0.3	-0.5	-0.4	0.3
Post Drug 2	0.0	-0.6	-0.5	-0.5	0.0
Post Drug 3	0.0	-0.5	-0.5	-0.5	-0.3

High Dose

Average	Weight	Bioluminescence	PET mean	PET max	MRI
Post Drug 1	0.0	-0.5	-0.3	-0.2	0.3
Post Drug 2	0.0	-0.8	-0.3	-0.3	0.3
Post Drug 3	0.0	-0.8	-0.4	-0.3	-0.3

Supplementary Table 2. Mitotic activity and Ki-67 labeling in the 3 animals from each group that had their brain excised for pathology. Mitotic activity was assessed, by counting mitotic figures in ten high powered (400x) fields, in each of the animals in the most proliferative areas of tumor. Ki-67 labeling was assessed semi-quantitatively.

Animal	Mitotic Figures Per 10 High Powered Fields	Ki-67 labeling index
Control1	48	70-80%
Control2	55	60-70%
Control3	65	70-80%
LD1	57	60-70%
LD2	50	50%
LD3	34	30-40%
HD1	10	10-20%
HD2	12	10-20%
HD3	25	20-40%