

**Additional File 2: Table S1: Demographic and Baseline Characteristics of Animals Enrolled in Study**

	<b>100% Adherent</b> (~10 mg/kg/day) N = 10	<b>50% Adherent</b> (~5 mg/kg/day) N =12	<b>Attrition</b> (mortality, head cap loss) N = 28
<b>Weight (g)</b>			
Kainic Acid SE	209 ± 9.5	211 ± 11	214 ± 11
Baseline (end)	647 ± 68.75	651 ± 64.85	--
Treatment (end)	710 ± 94	701 ± 72	--
<b>Kainic Acid Dose (mg/kg)</b>	19 ± 7.7	20 ± 7.8	20 ± 5.5
SE Score <sup>‡</sup>	2.827 ± 0.324	2.938 ± 0.228	3.787 ± 0.881*
<b>Enrollment onto PER</b> (weeks post-KA)	14.9 ± 1.9	13.6 ± 1.1	--

<sup>‡</sup>Seizure Score defined as average Racine Score

\*Significantly different from 100% and 50% groups at p<0.05 as determined by Kruskal-Wallis test with Dunn's multiple comparisons

Data presented as mean ± SD.

PER: perampanel; N = number of animals; KA = kainic acid