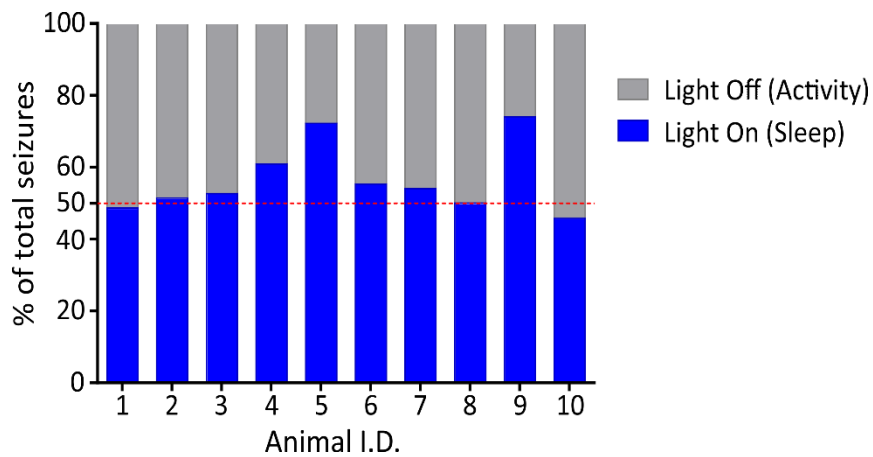
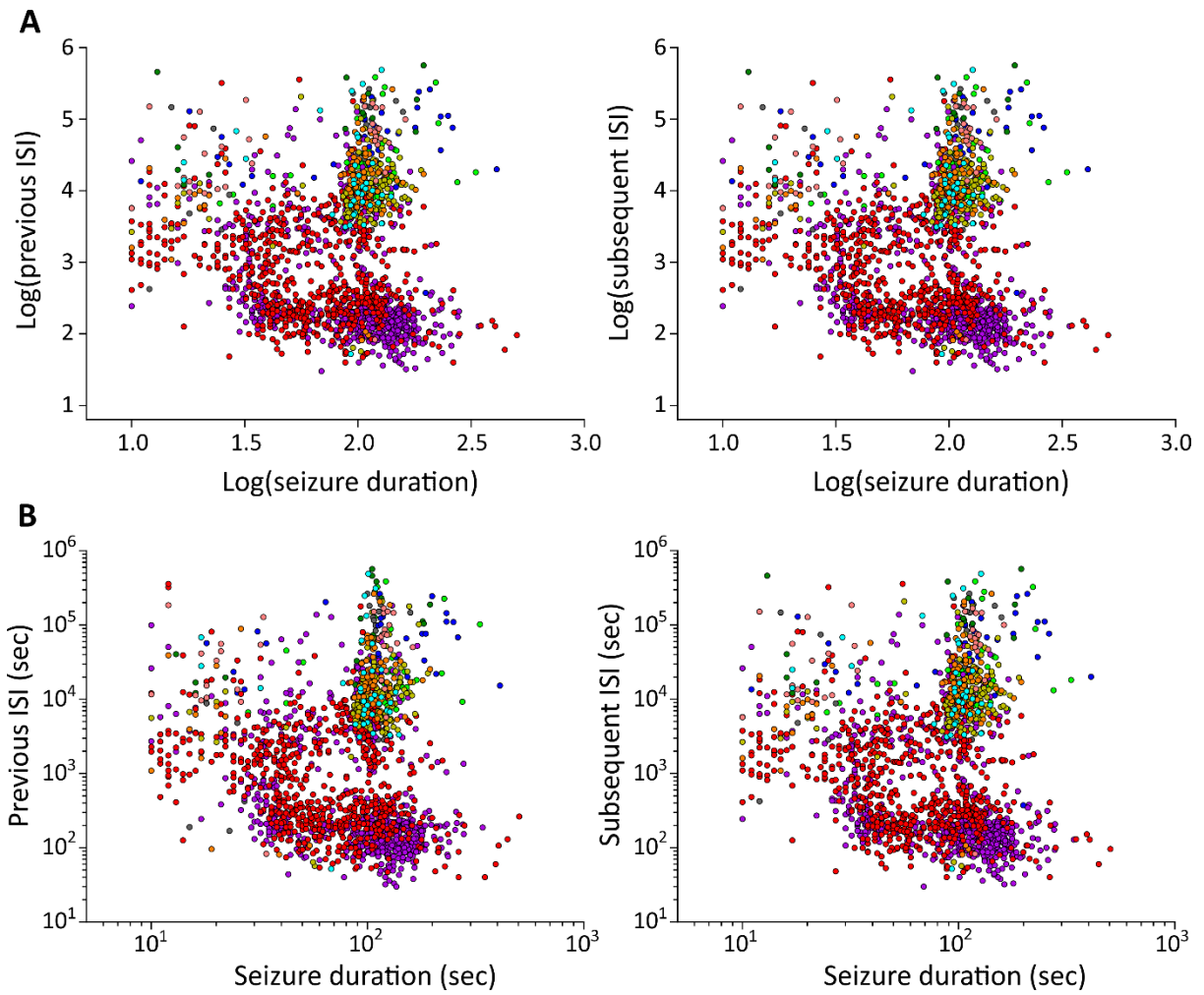


**Figure S1 Representative seizures from Lister Hooded and Long-Evans rats.** The TeNT model of occipital cortical epilepsy can be induced in other rat strains.

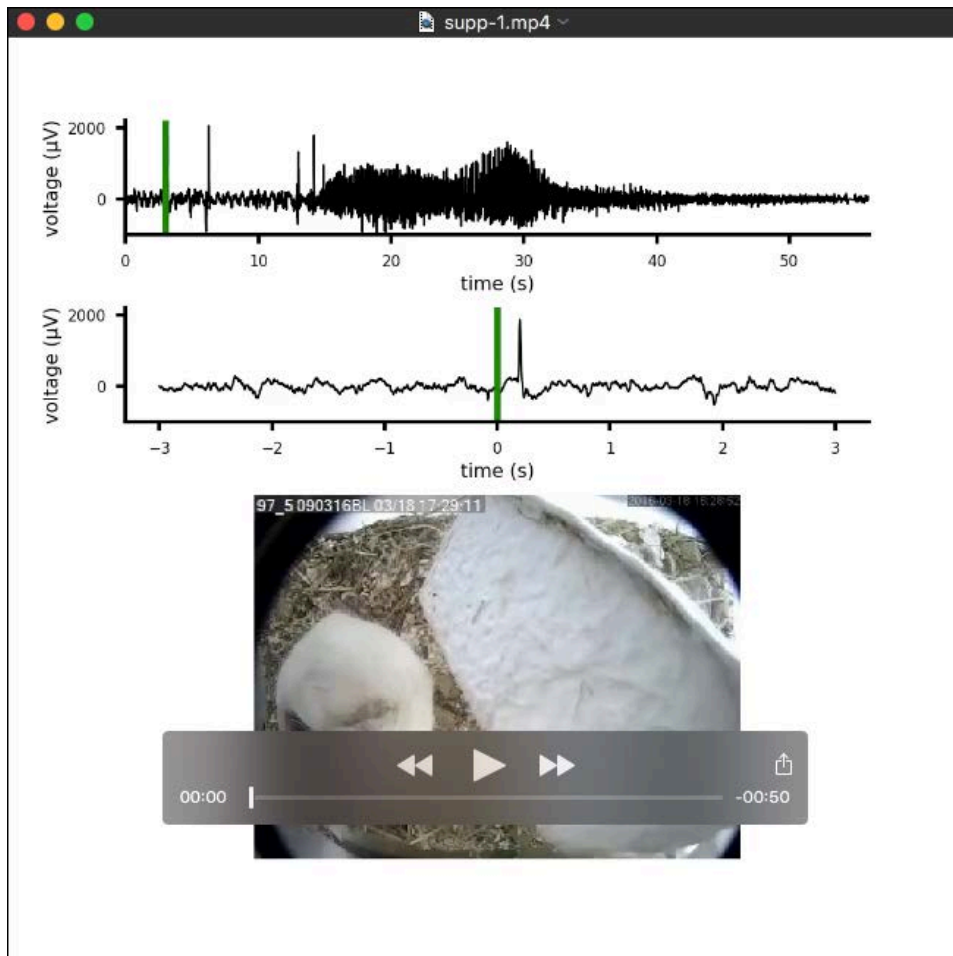


**Figure S2 Distribution of seizure occurrence during day and night for individual animals.** There are higher proportions of seizures during sleeping period in most of the animals.

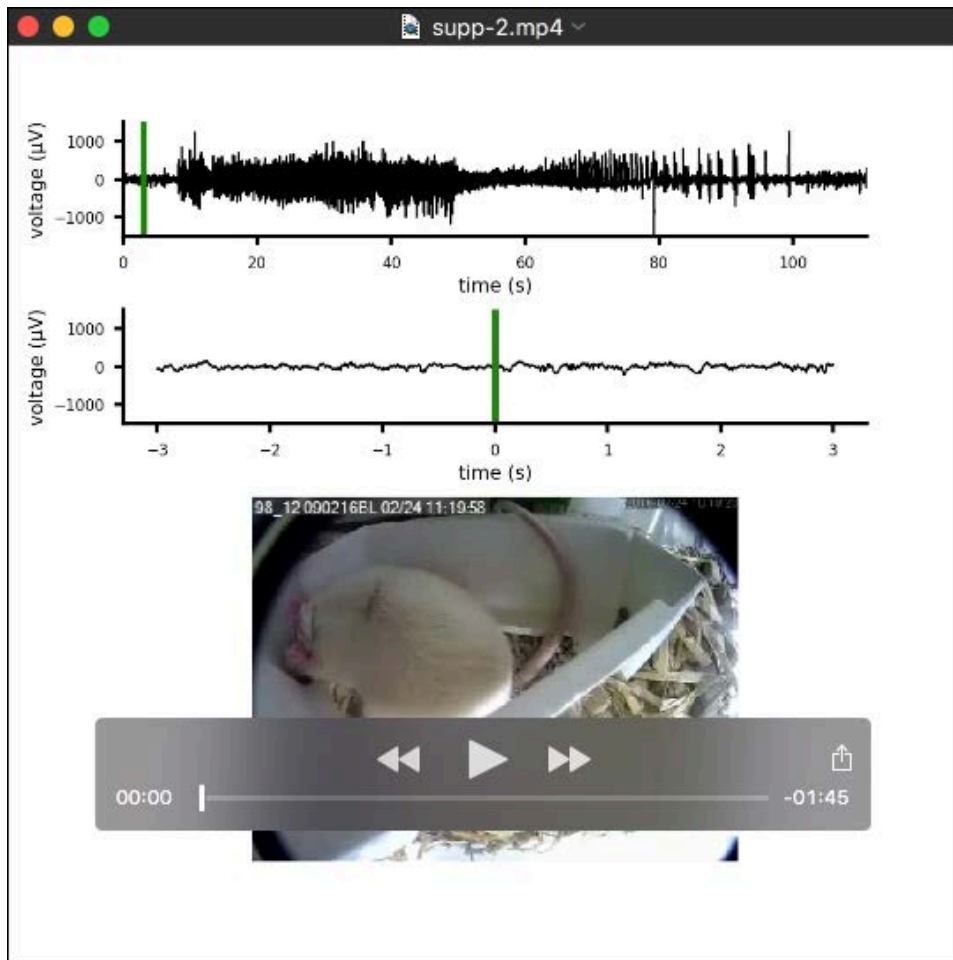


**Figure S3 No obvious correlation between seizure duration and Inter Seizure Interval (ISI).**

Upper: Scatter plot of log of seizure duration with log of previous (left) and subsequent (right) ISI. Lower: Scatter plot of seizure duration with previous (left) and subsequent (right) ISI.



**Movie 1.** non-motor seizure



**Movie 2.** Focal seizure evolving to generalized tonic-clonic seizure