

Title: Supplementary Movie 1.

Description: Crossbeam test of control animals.

Title: Supplementary Movie 2.

Description: Crossbeam test of ATR-PC Δ mice animals. Mutant mice took long time to complete the task and with many foot slips.

Title: Supplementary Movie 3.

Description: Seizure attack in ATR-FB Δ mice animals (short epileptic video). Sudden onset of tonic-clonic generalized seizure with myoclonic jerks of all limbs followed by a short tonic phase.

Title: Supplementary Movie 4.

Description: Seizure attack in ATR-FB Δ mice animals. Generalized seizure with dystonic movement of the hindlimbs.

Title: Supplementary Movie 5.

Description: Seizure attack in ATR-FB Δ mice animals. Generalized tonicclonic seizure with hyperactive phase followed by postictal slowing