Description of Additional Supplementary Files

Supplementary Movie 1 Description: Open field test before and after system mounted.

Supplementary Movie 2 Description: Locomotion activity by LED on and off in normal mouse.

Supplementary Movie 3 Description: Motion control by multisite stimulation.

Supplementary Movie 4 Description: Behavioral control by selective activation and inhibition.

Supplementary Movie 5 Description: Extorting behavior control during food competition.

Supplementary Movie 6 Description: Open field test before and after MPTP injection in intact mice.

Supplementary Movie 7 Description: Open field test before and after MPTP injection in LED attached mice.

Supplementary Movie 8 Description: Open field test before and after saline injection in intact mice.

Supplementary Movie 9 Description: Locomotion activity change by optical stimulation in MPTP-induced Parkinson's mouse model.

Supplementary Movie 10 Description: Locomotion activity comparison between intact and MPTP-induced mice

Supplementary Movie 11 Description: Locomotion activity change by optical stimulation in only MPTP-induced mice Also, we have labelled each movie as Supplementary Movie 1 etc.