

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Unilateral paralyzed Mut mouse. The left hind limb is stiff without voluntary movement in the 14-month-old male Mut mouse.

File Name: Supplementary Movie 2

Description: Abnormal claw contractions in 10- month-old Mut mouse. The right hind limb of the 10-month-old male Mut mouse (genotype was written on the back board) shows abnormal claw contractions, which barely happen in the litter-mate WT male mice in the neighbour side.