

Description of Additional Supplementary Files

Supplementary Movie 1: Formation of intracellular GCI-like inclusion body in the NSC-derived oligodendrocyte. Scale: 20 μm .

Supplementary Movie 2: Formation of intracellular GCI-like inclusion body in the primary mouse oligodendrocyte. Scale: 20 μm .

Supplementary Movie 3: Formation of intracellular GCI-like inclusion body in the TPPP-positive oligodendrocyte in the white matter of αSyn Tg mice. Scale: 10 μm .

Supplementary Data 1: The list of differentially expressed genes (TG vs WT)

Supplementary Data 2: The list of differentially expressed genes (MSA vs Control)

Supplementary Data 3: The list of differentially expressed genes (NM-101 treated TG vs Placebo treated TG)