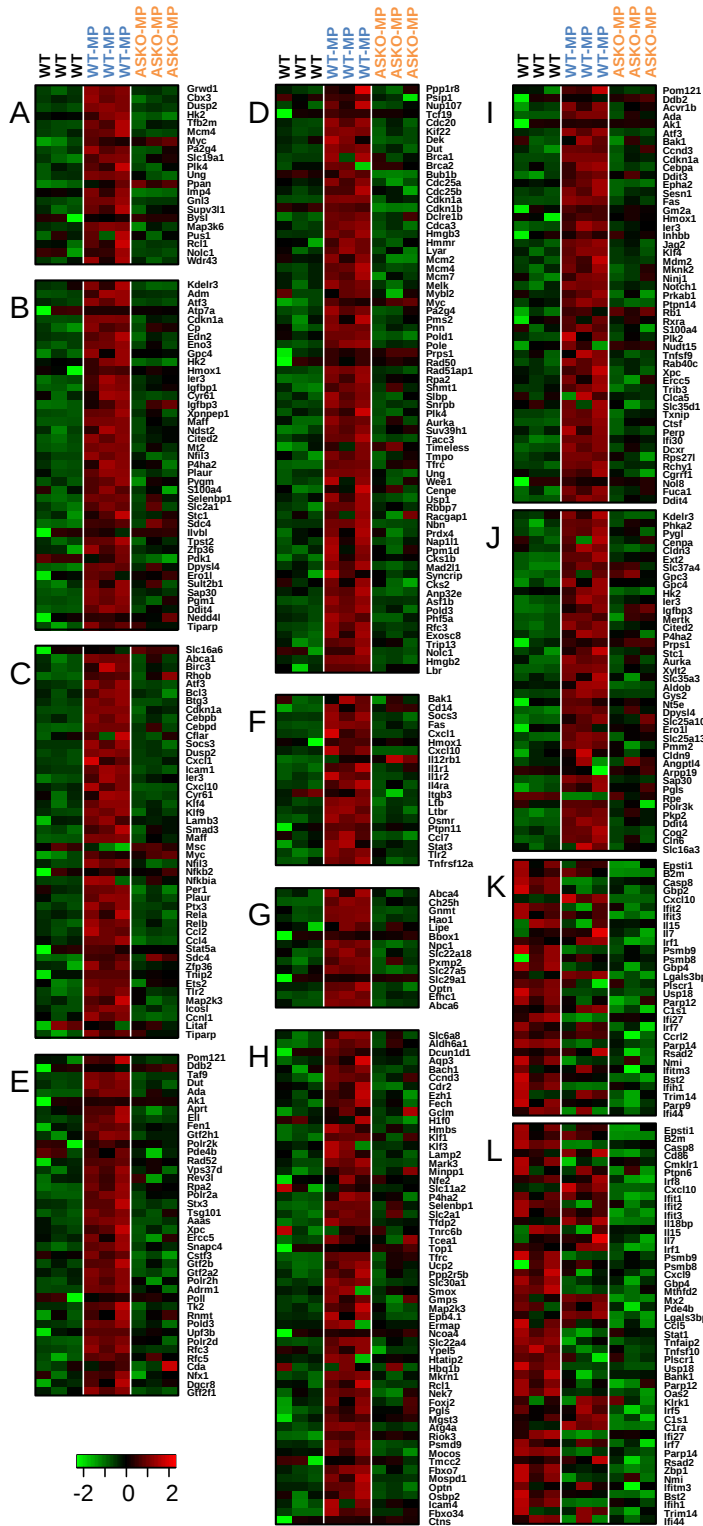
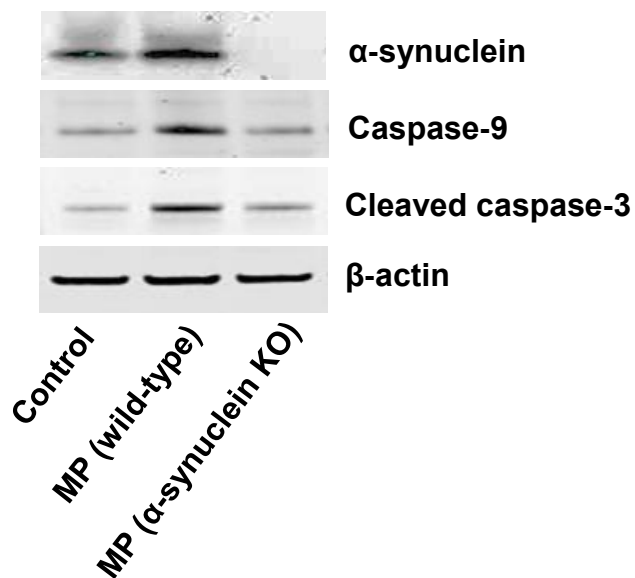


Supplementary Figure S1 (A-L)



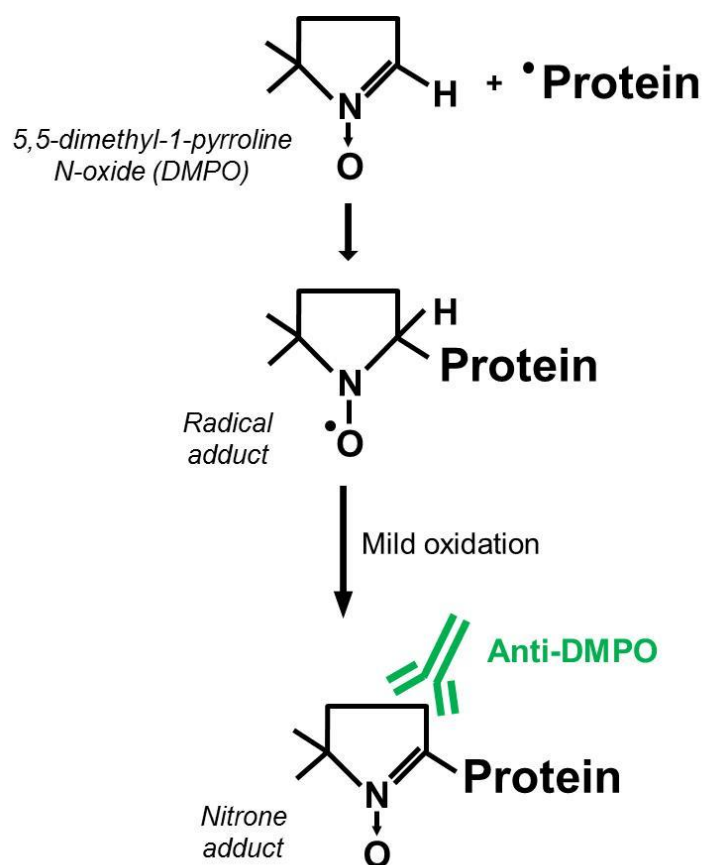
Supplementary Figure S1 (A-L) - Heat maps showing changes in gene expression in hallmark pathways of MYC targets (S1A), hypoxia (S1B), TNF α signaling (S1C), E2F targets (S1D), DNA repair (S1E), JAK-STAT3 signaling (S1F), bile acid metabolism (S1G), heme metabolism (S1H), the P53 pathway (S1I), glycolysis (S1J), Interferon α (S1K), and interferon gamma (S1L).

Supplementary Figure S2



Supplementary Figure S2- Western blots showing changes in protein levels of α -synuclein, caspase-9, and cleaved caspase-3 in nigrostriatal tissue homogenates from controls, and MP co-exposed wild-type and α -synuclein knockout mice.

Supplementary Scheme 1



Supplementary Scheme 1- Scheme showing an outline of immuno-spin trapping method in which anti-DMPO antibody is used to detect protein radicals.