



SUPPLEMENTARY FIG. S4. Sirt3 deacetylase-deficient mutant (H248Y) eliminated the neuroprotective effects of Sirt3. Sirt3-3×FLAG, 3×FLAG vector, or Sirt3-H248Y-3×FLAG was transfected into mouse primary midbrain neurons treated with 50 μ M MPP+. PARP-1 and caspase 3 were measured by Western blotting. Quantitative data = mean \pm SEM, $n=3$, *** $p < 0.001$, ANOVA with Newman-Keuls test.