

## Supporting information

### Chitosan-Based Nanoparticles for Targeted Delivery of 17 $\beta$ -Estradiol to Enhance SIRT1-Mediated Autophagy and Mitigate Rotenone-Induced Parkinson's Disease

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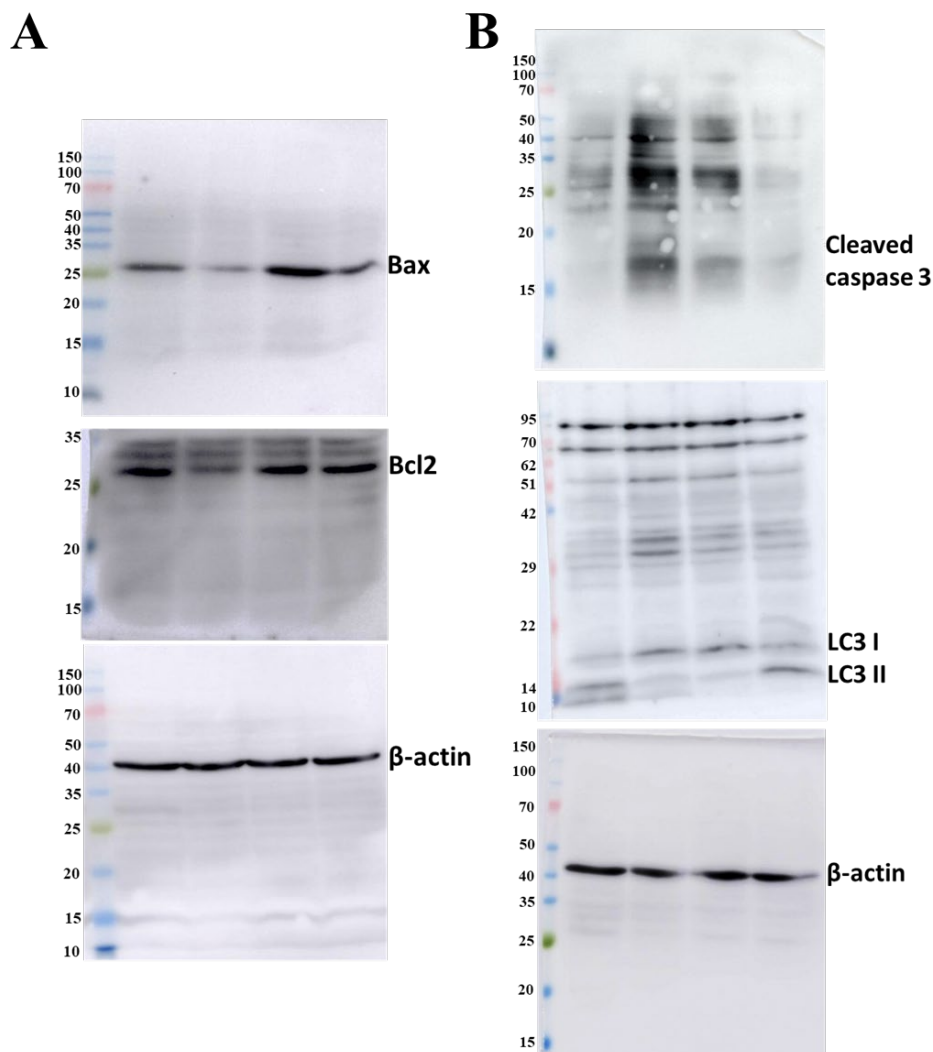


Fig. 1 Uncropped and unedited immunoblots corresponding to “figure 3”.

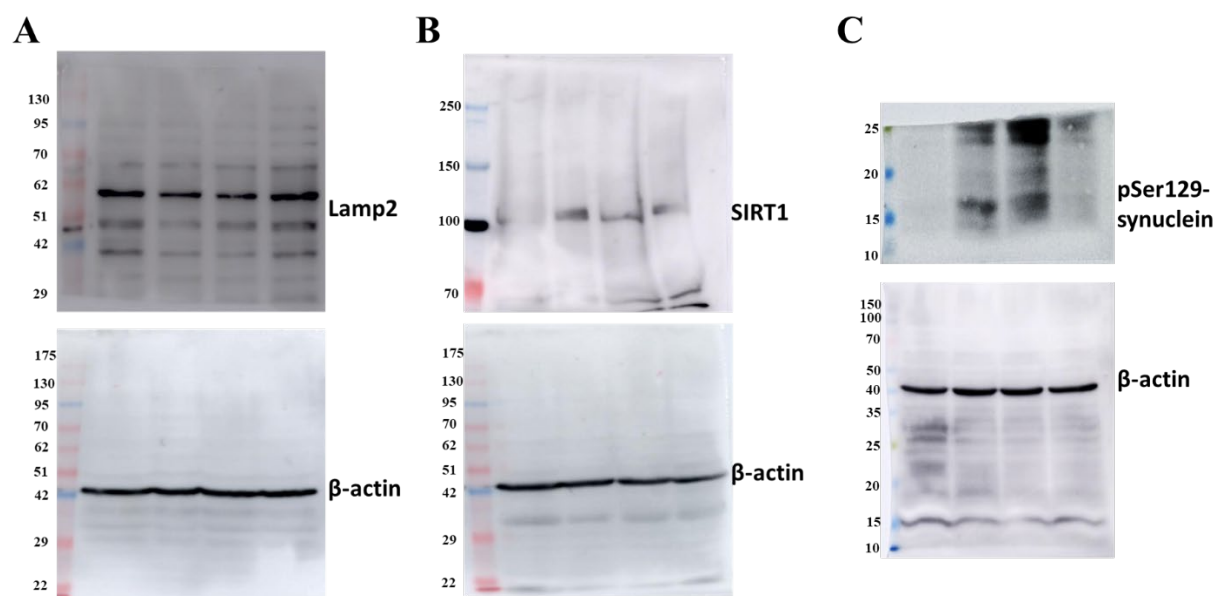


Fig. 2 Uncropped and unedited immunoblots corresponding to “figure 4”.

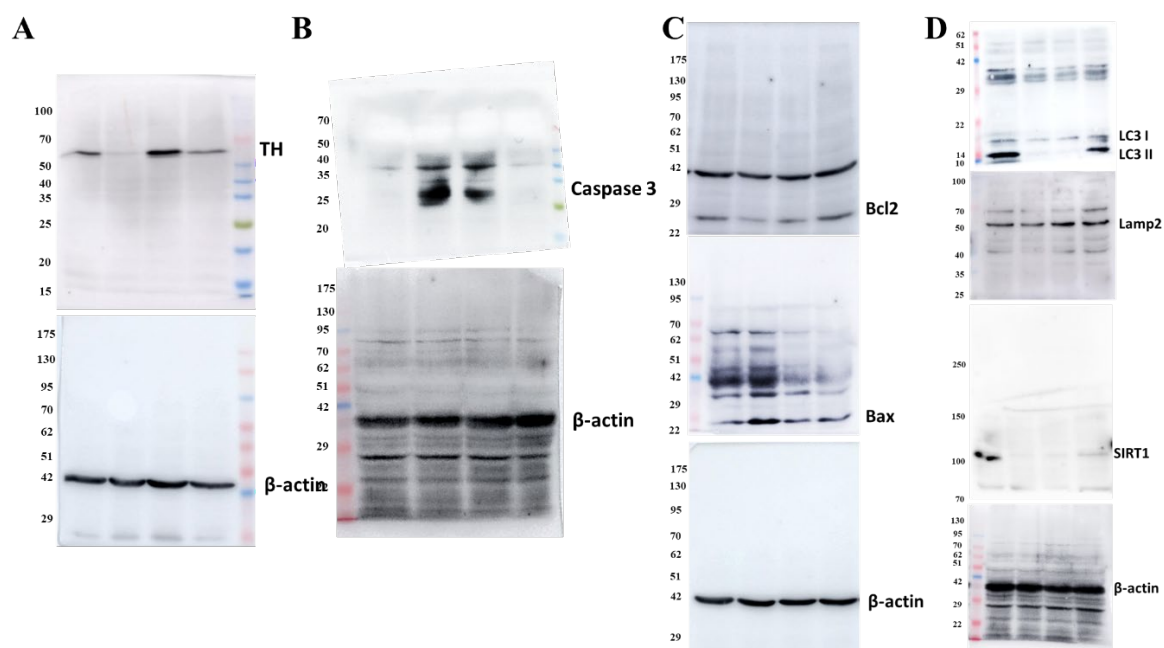


Fig. 3 Uncropped and unedited immunoblots corresponding to “figure 5”.