

**HIGH FREQUENCY ELECTRICAL STIMULATION REDUCES  $\alpha$ -SYNUCLEIN LEVELS AND  $\alpha$ -SYNUCLEIN-MEDIATED AUTOPHAGY DYSFUNCTION**

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## **SUPPLEMENTARY FIGURES**

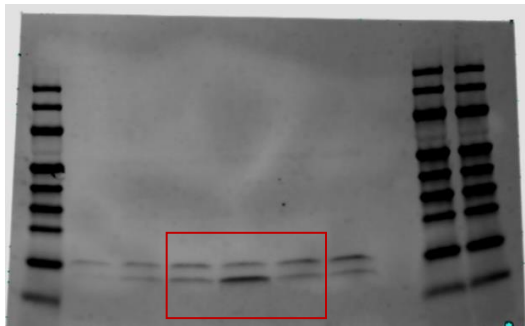
**Fig S1. Western blots from SH-SY5Y cells treated with Bafilomycin A1 (40 nM) with and without HFS.**

**Panel A:** A full-length PVDF membrane of LC3-I and LC3-II bands with molecular weight ladders; cropped images of LC3-I and LC3-II bands indicated by the red box shown in Fig. 5g.

**Panel B:** The membrane in Panel A was stripped and exposed to anti-GAPDH; cropped images of GAPDH bands indicated by the red box shown in Fig. 5g.

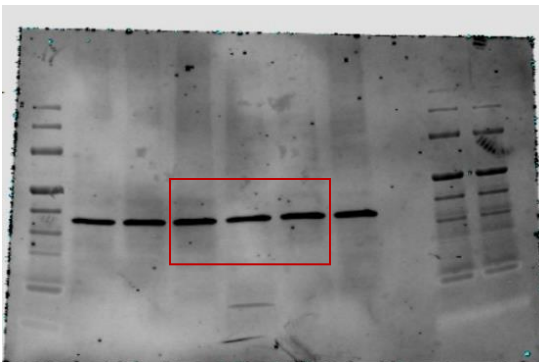
**A**

1 2 3 4 5 6



**B**

1 2 3 4 5 6



1. DMSO
2. DMSO
3. DMSO
4. BAF Non-stimulated
5. BAF Stimulated
6. BAF Stimulated