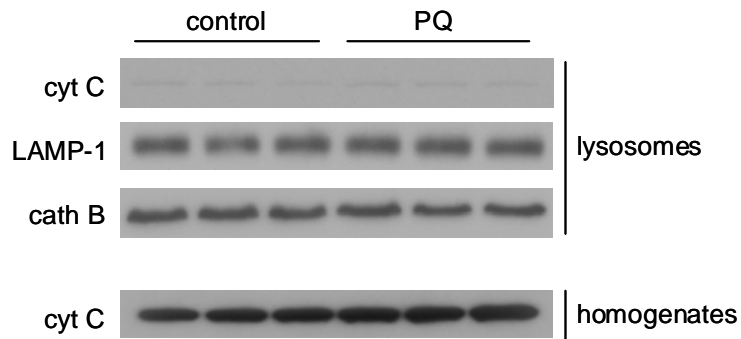


SUPPLEMENTAL FIGURE

LYSOSOMAL DEGRADATION OF α -SYNUCLEIN *IN VIVO*

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Supplementary Figure S1. Purity of the lysosomal fractions. Lysosomes or tissue homogenates were prepared from the midbrain of mice sacrificed 3 days after a single intraperitoneal injection of either saline (control) or 10 mg/kg paraquat (PQ). Western blot analysis was carried out using lysosomal (LAMP-1 and cathepsin B) or mitochondrial (cytochrome C) markers. Lysosomal fractions were enriched in LAMP-1 and cathepsin B. In contrast to tissue homogenates, they were devoid of significant amounts of cytochrome C, indicating lack of mitochondrial contamination.