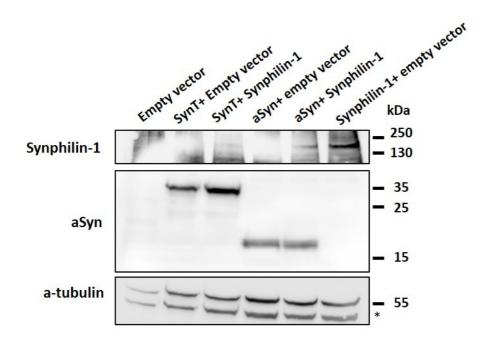
## Molecular characterization of an aggregation-prone variant of alphasynuclein used to model synucleinopathies

Caterina Masaracchia<sup>1</sup>, Annekatrin H. König<sup>1</sup>, Ariel A. Valiente-Gabioud<sup>2</sup>, Pablo Peralta<sup>2</sup>, Filippo Favretto<sup>3</sup>, Timo Strohäker<sup>4</sup>, Diana F. Lázaro<sup>1</sup>, Markus Zweckstetter<sup>3,4,5</sup>, Claudio O. Fernandez<sup>2</sup>, Tiago F. Outeiro<sup>1,6,7</sup>

**Supplementary Figure S1. Expression levels of constructs.** H4 cells were transfected with the different constructs and expression levels of Synphilin-1, aSyn and a-tubulin were assessed via immunoblot analyses. An unspecific band was observed (shown with \*).

Supplementary Figure S2. Biophysical characterization of SynT. Quality of purified recombinant acetylated aSyn and SynT was checked in (A) coomassie-stained SDS-page (1µg protein was loaded) and (B) immunoblot, probed for aSyn specific antibody (0.05µg protein was loaded.) (C) Size Exclusion Chromatography profiles of aSyn (blue) and SynT (red).

## **Supplementary Figure S1.**



## **Supplementary Figure S2.**

