

The ubiquitination of arrestin3 within the nucleus triggers the nuclear export of Mdm2, which, in turn, mediates the ubiquitination of GRK2 in the cytosol

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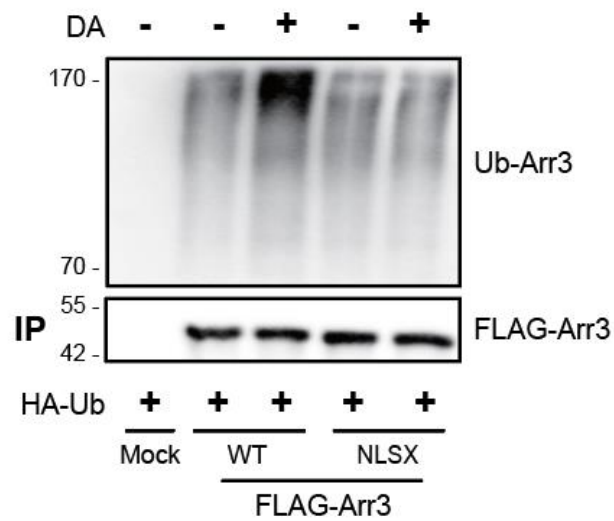


Figure S1. Comparison of D₂R-mediated ubiquitination of WT and NLSX-arrestin3.

HEK-293 cells were transfected with D₂R (~1.7 pmol/mg protein), HA-Ub, and either a mock vector, FLAG-tagged WT-arrestin3, or FLAG-NLSX-arrestin3. Following a 2-minutes treatment with 10 μ M dopamine, a ubiquitination assay was conducted as outlined in the experimental methods.