

Figure S1: Total GluN2B-NMDAR levels in WT and YAC128 striatal neurons. The total levels of GluN2B were evaluated by immunocytochemistry, in soma, proximal and distal neurites, using confocal microscope and Image J software in YAC128 vs. WT striatal neurons. Confocal images were obtained with a 63× objective in confocal microscope Zeiss LSM 710 (scale bar: 10 μ m). Data are presented as the mean \pm SEM of 4 independent experiments analyzing 5 to 8 cells *per condition per culture*.

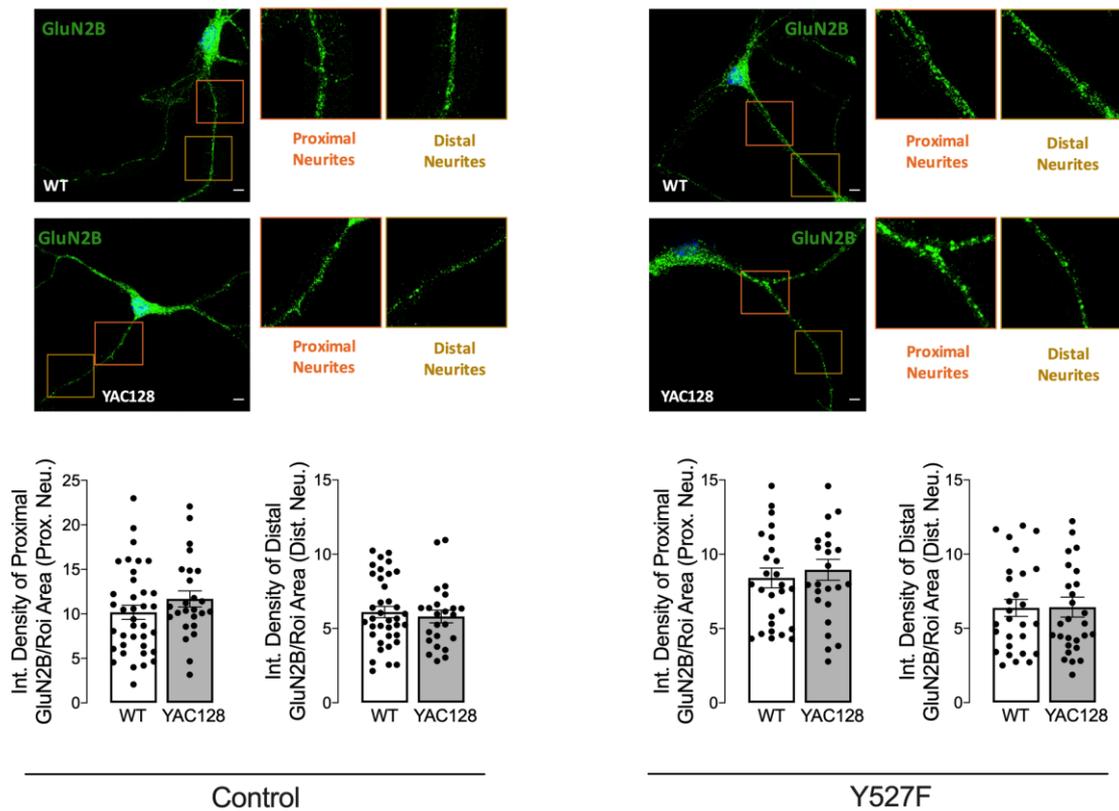


Figure S2: Total GluN2B-NMDAR levels in WT and YAC128 striatal neurons after transfection with Y527F plasmid. The total levels of GluN2B were evaluated by immunocytochemistry, in proximal and distal neurites, using confocal microscope and Image J software in YAC128 vs. WT striatal neurons, after transfection with Y527F or control plasmid. Confocal images were obtained with a 63× objective in confocal microscope Zeiss LSM 710 (scale bar: 10 μ m). Data are presented as the mean \pm SEM of 4 independent experiments analyzing 6 to 8 cells *per condition per culture*.