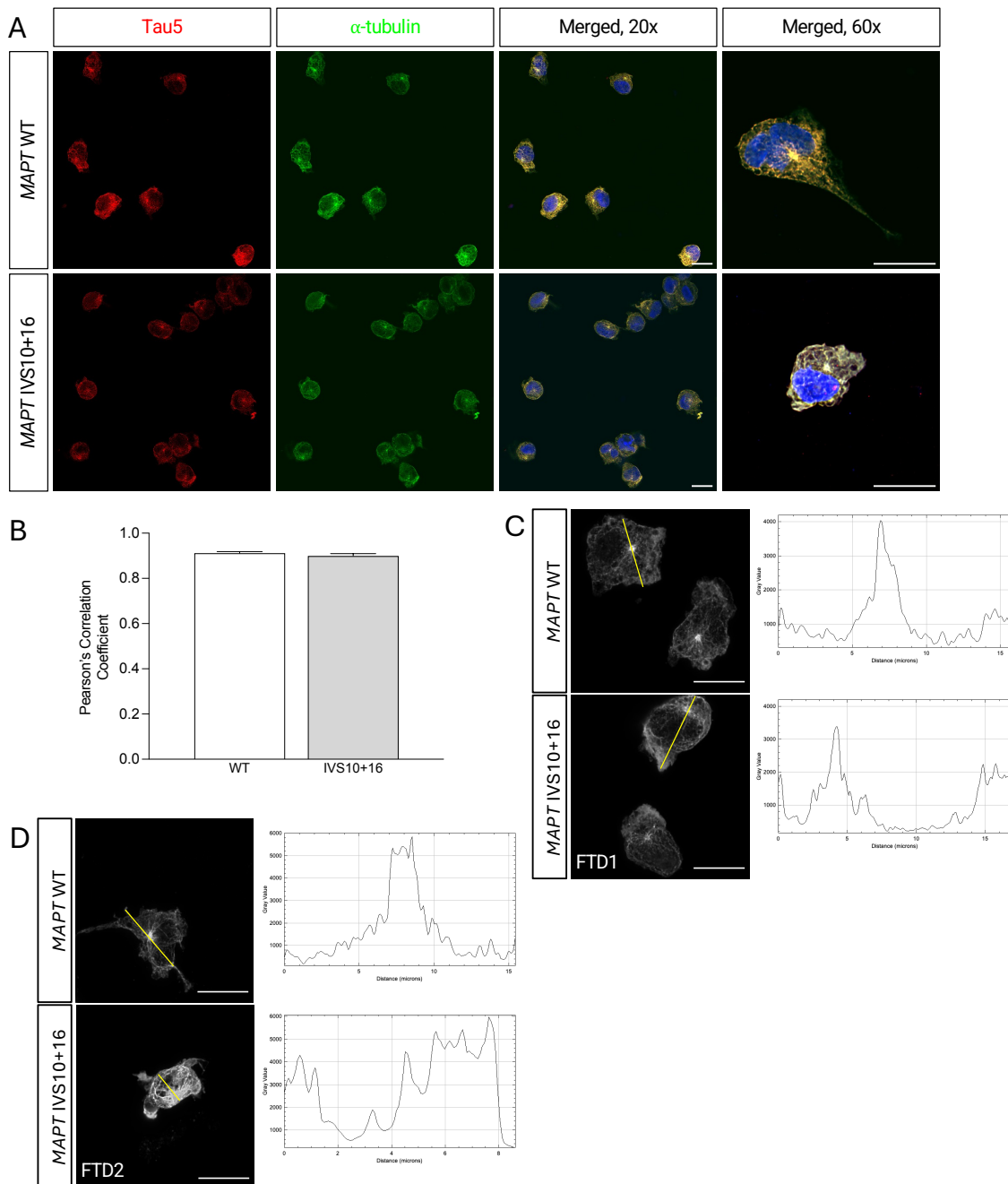




Supplemental Figure 3. *MAPT* IVS10+16 disrupts cytoskeletal networks without impacting tau co-localization with the cytoskeletal network. A-B. *MAPT* IVS10+16 does not alter localization of tau with α -tubulin in iMGLs. A. Representative images of total tau (Tau5) and α -tubulin (ab18251) in *MAPT* IVS10+16 and isogenic control iMGLs. B. Colocalization analysis reveals similar co-localization between tau and α -tubulin in *MAPT* IVS10+16 and isogenic control iMGLs. Scale bars represent 10 μ m in 20x images and 12 μ m in merged 60 images. For each genotype, >100 cells were analyzed by examining ten fields, each containing ten cells, across two independent wells of an 8-well chamber slide. C-D. Representative images used for quantification shown in Figure 2F depicting sections drawn using straight line tool (in yellow) in ImageJ for assessing distribution of α -tubulin staining in FTD1 (C) and FTD2 (D) donor pair iMGLs. Alongside each donor pair images are representative histograms showing raw mean fluorescence intensity of α -tubulin along the length of the shown yellow line or distance along a given cell.