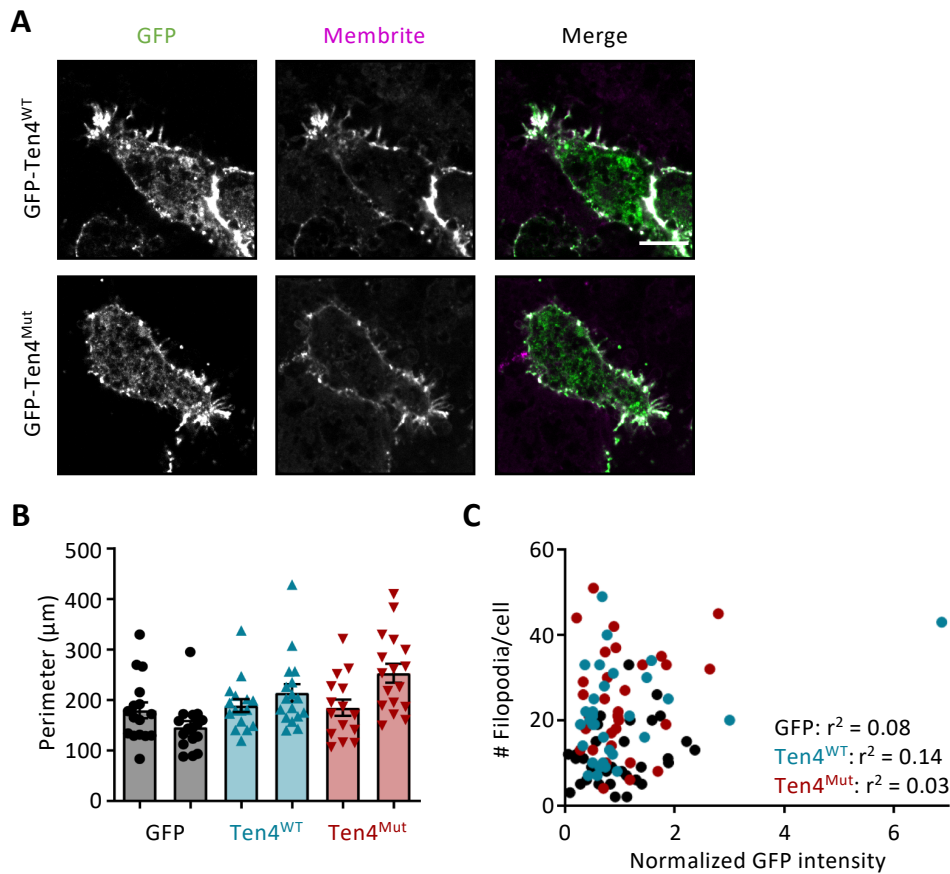


Appendix Table of Contents

1. Appendix Figure S1 **Related to Figure 6. Teneurin4^{WT} and Teneurin4^{Mut} localize to the cell membrane and overexpression slightly increases cell perimeter**



Appendix Figure S1 Related to Figure 6. Teneurin4^{WT} and Teneurin4^{Mut} localize to the cell membrane and overexpression slightly increases cell perimeter

(A) Representative images of HEK293-T cells transfected with GFP-Teneurin4^{WT} (GFP-Ten4^{WT}; top) or GFP-Teneurin4^{Mut} (GFP-Ten4^{Mut}; bottom) for 24h and stained with Membrane Fix 568/580 (magenta). Images are a single z plane. Scale bar, 10 μ m.

(B) Perimeter of cells transfected with GFP, GFP-Teneurin4^{WT} (Ten4^{WT}) and GFP-Teneurin4^{Mut} (GFP-Ten4^{Mut}).

Data information: Each bar represents an individual experiment and each symbol represents an individual cell. Data are represented as mean $\pm$ SEM.

(C) Correlation between the normalized GFP intensity and the number of filopodia per cell in cells transfected with GFP (black; $r^2 = 0.08$), GFP-Teneurin4^{WT} (blue; $r^2 = 0.14$) and GFP-Teneurin4^{Mut} (red; $r^2 = 0.03$).

Data information: In (B) and (C), data from 32-33 cells per condition from two independent experiments.