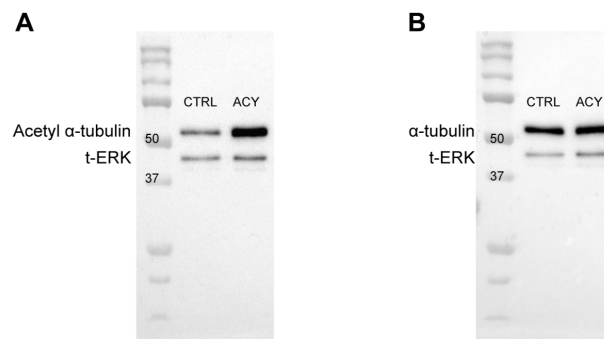


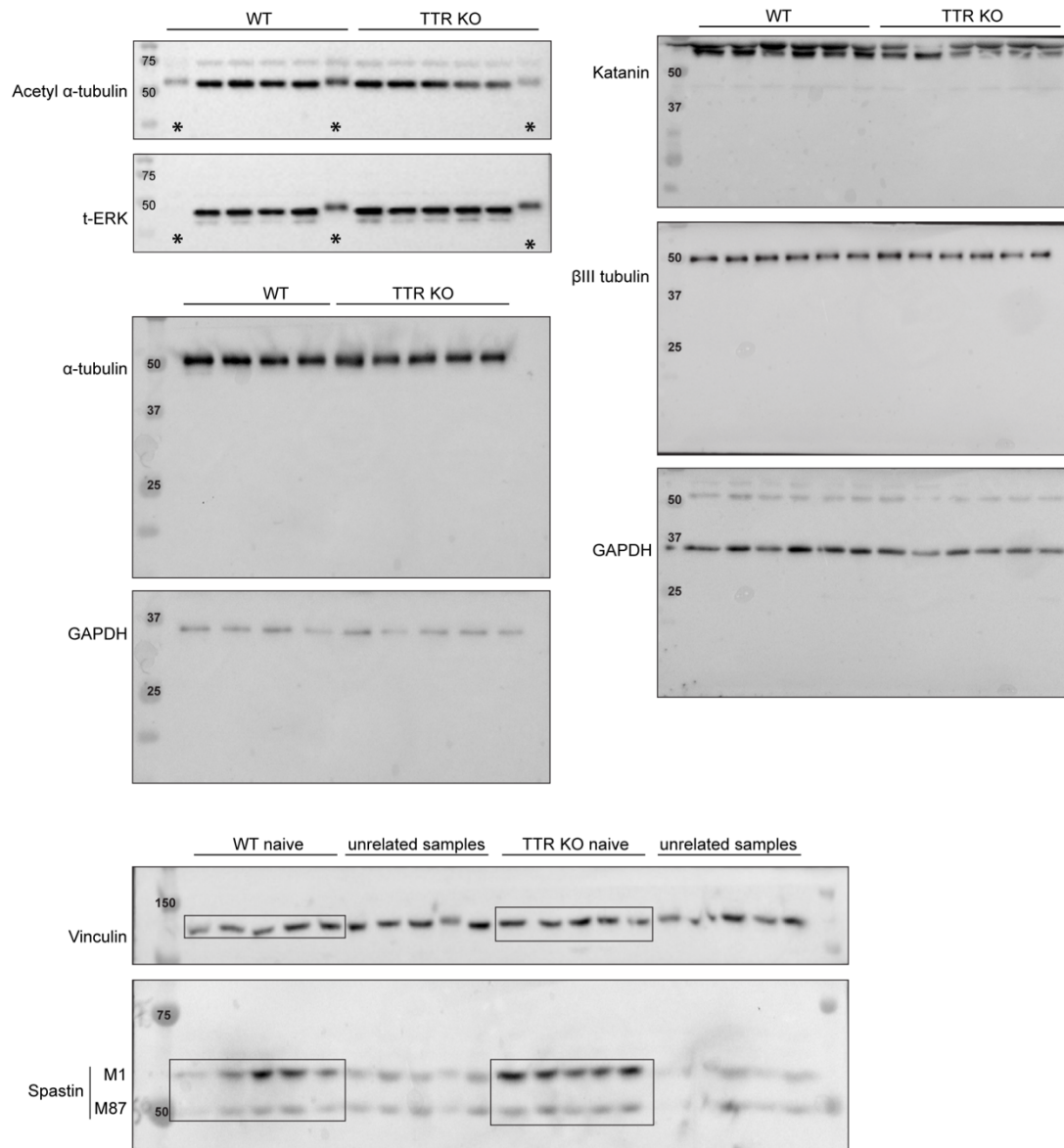
## *Supplementary Material*

### Supplementary Figure 1



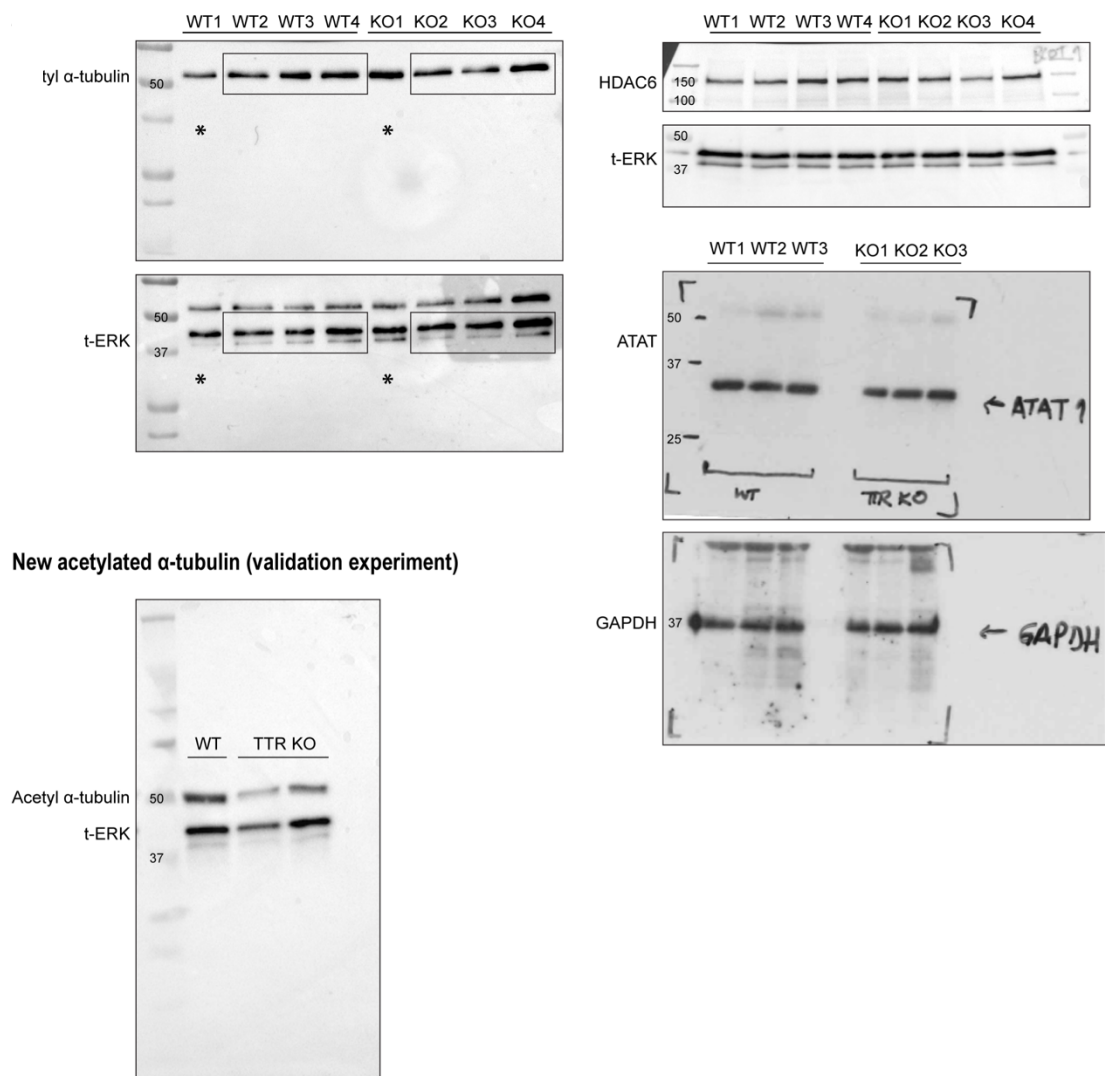
**Supplementary Figure 1. Validation of anti-acetylated  $\alpha$ -tubulin antibody.** Representative western blots showing acetyl  $\alpha$ -tubulin,  $\alpha$ -tubulin and ERK levels in protein extracts from DIV4 DRG neurons untreated (CTRL) or treated with 2.5  $\mu$ M Acy-738 (ACY).

## Full length blots Figure 3



Bands presenting an altered running pattern (\*) and samples unrelated to the present work were not quantified. Chemiluminescence images were merged with the ones showing molecular weight markers.

Full length blots Figure 4



\*Outlier experiment, as determined by Graph Pad analysis, was not quantified. An additional experiment was performed for validation. Chemiluminescence images were merged with the ones showing molecular weight markers.