**Figure S5**

(A) Immunofluorescence images showing expression of TMEM106B, Tau-1, and LAMP1 in shCtrl and shT106b#2 conditions.

(B) Representative images of axon length measurement and relative vesicle number in shCtrl and shT106b#2 conditions.

(C) Bar graph depicting axon length in shCtrl and shT106b#2 conditions.

(D) Comparison of Rab7a-GFP expression in shCtrl and shT106b#2 conditions.

(E) Bar graph illustrating relative vesicle number across different movement conditions.

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