Supplementary Fig. 11. Incorporation of siRNA into DRG neurons

(a) Incorporation of siRNA into DRG neurons by oligofectAMINE reagent. siRNAs were labeled with rhodamine by Label IT siRNA Tracker Intracellular Localization Kit (Mirus Corp.) for 2 days. Incorporated RNAs were detected in the DRG explant under fluorescence microscopy. Scale bar, 20 mm. (b) Immunoblotting of proteins prepared from DRG neurons treated with siRNA against chicken Neuropilin-1, FARP2, or PIPK Ig661. After 48 h, treated DRG neurons were collected and cell lysates were subjected to the immunoblotting with the indicated antibodies. Compared with the treatment with control siRNA, the treatment with each siRNA reduces the target proteins exclusively.