

Supplementary information, Figure S3

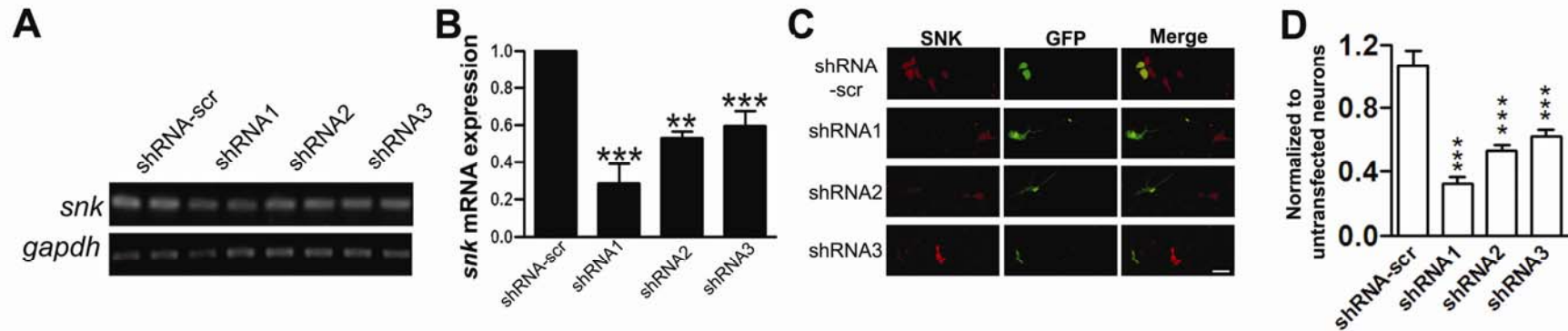


Figure S3 Knockdown efficiency of SNK shRNA constructs in DIV3 neurons. **(A)** Representative RT-PCR amplification of *snk* in DIV3 neurons transfected with the indicated construct on DIV0. **(B)** Statistical analysis of **A**, $n \geq 3$ samples. **(C)** Representative anti-SNK immunocytochemical staining of DIV3 neurons transfected with GFP and the indicated construct on DIV0 and treated with MG132 for 18 h prior to fixation. Red: anti-SNK. Green: GFP. Images were acquired under a $63\times$ oil objective, NA = 1.4. Scale bar, 20 μm . **(D)** Statistical analysis of **C** showing the mean fluorescence intensity of the SNK signal in GFP positive neurons (shRNA expressing neurons) normalized to untransfected control neurons (GFP negative) in the same optical field; $n \geq 15$ optical fields; *** $P < 0.001$ compared with shRNA-scr group (ANOVA with post Newman-Keuls test).