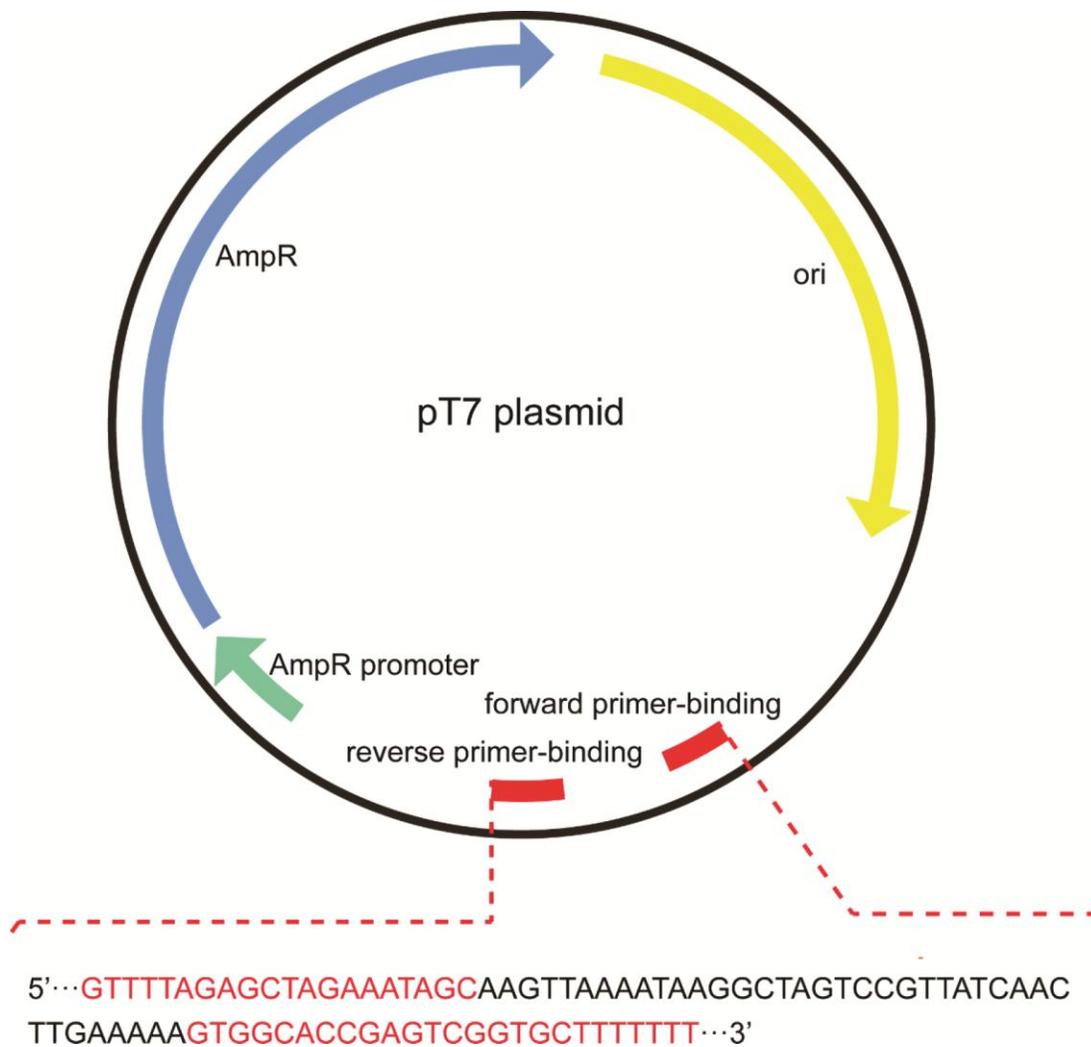
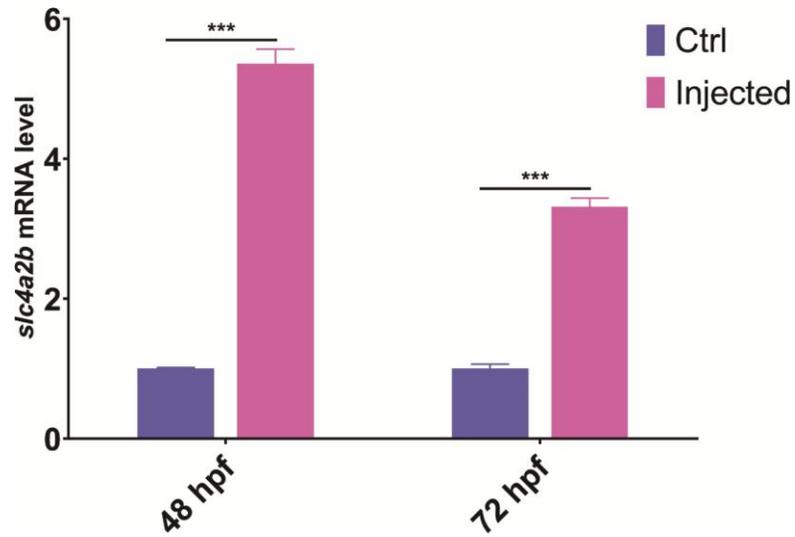


SUPPLEMENTARY FIGURES



Supplementary Figure 1. The template plasmid used for sgRNA synthesis.



Supplementary Figure 2. The *slc4a2b* mRNA injection can significantly increase the *slc4a2b* expression level. After injecting with *slc4a2b* mRNA at 1-cell stage, zebrafish have significantly higher *slc4a2b* expression level at both 48 hpf and 72 hpf compared to the controls. Here, quantitative real-time PCR was used to analyze the *slc4a2b* mRNA expression level. The primers used were 5'-GTC CGA GTT TCA CAG AGG GAG-3' and 5'-GGG AGG ACT GAC GGT GAT AC-3'.