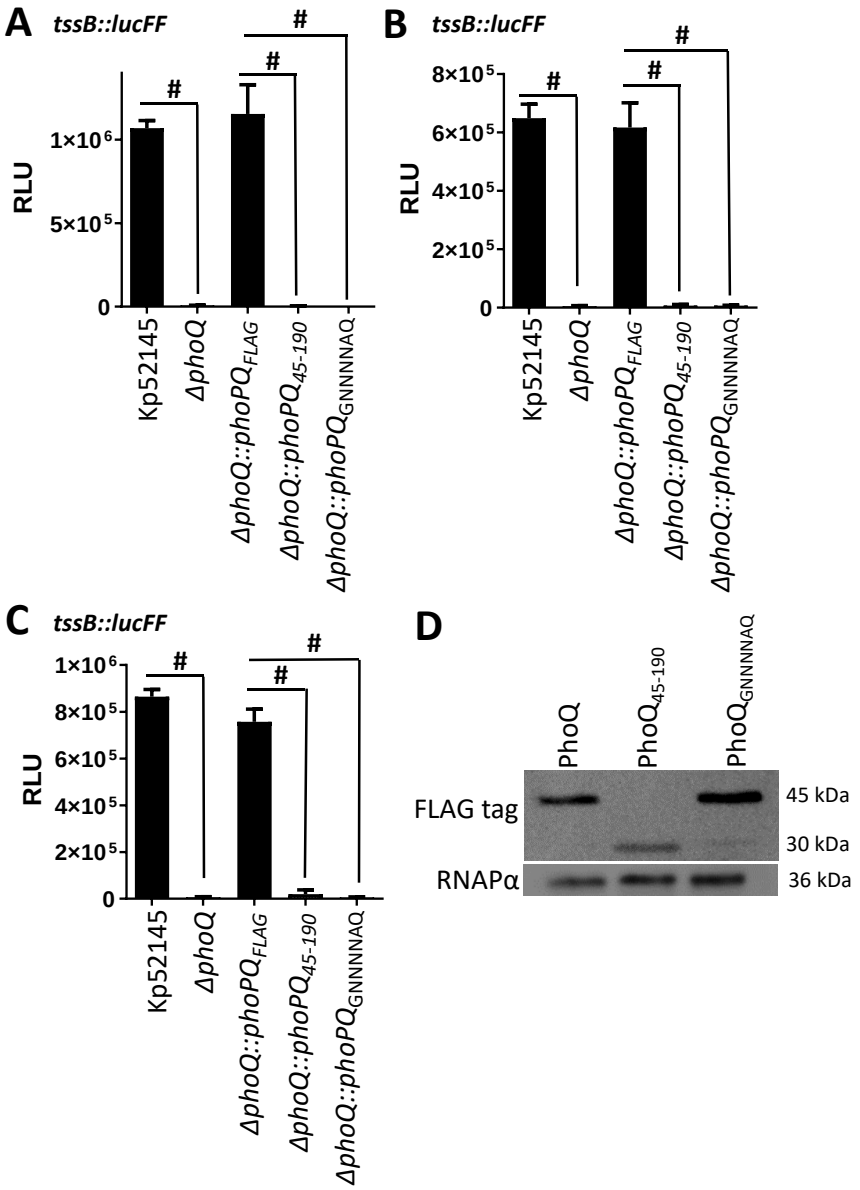

S10 Figure. The periplasmic domain of PhoQ is needed for the regulation of the T6SS.

(A, B, C) Expression of T6SS by Kp52145, 52145-Δ*phoPQGB* (Δ*phoPQ*), 52145-ΔphoQGBComFLAG (Δ*phoPQ::phoPQ*$_{FLAG}$), 52145-ΔphoQGBComPhoQ$_{45\text{-}190}$ (Δ*phoPQ::phoPQ*$_{45\text{-}190}$), and 52145-ΔphoQGBComPhoQ$_{GNNNNAQ}$ (Δ*phoPQ::phoPQ*$_{GNNNNAQ}$) carrying the transcriptional fusion *tssB::lucFF* after incubation in LB, LB$_{pH6}$ (pH6), and LB$_{NaCl}$ (NaCl 595 mm). #, results are significantly different ($P < 0.0001$ [one-way ANOVA Bonferroni for multiple comparisons]) for the indicated comparisons.

(D) Western blot analysis using an anti-FLAG antibody demonstrating the presence of PhoQ in cell pellets of 52145-ΔphoQGBComFLAG (*phoQ*), 52145-ΔphoQGBComPhoQ$_{45\text{-}190}$ (*phoQ*$_{45\text{-}190}$), and

52145-ΔphoQGBComPhoQ$_{GNNNNAQ}$ (*phoQ*$_{GNNNNAQ}$). Membranes were reprobed with antibody anti RNA Polymerase α. Images are representative of three independent experiments.