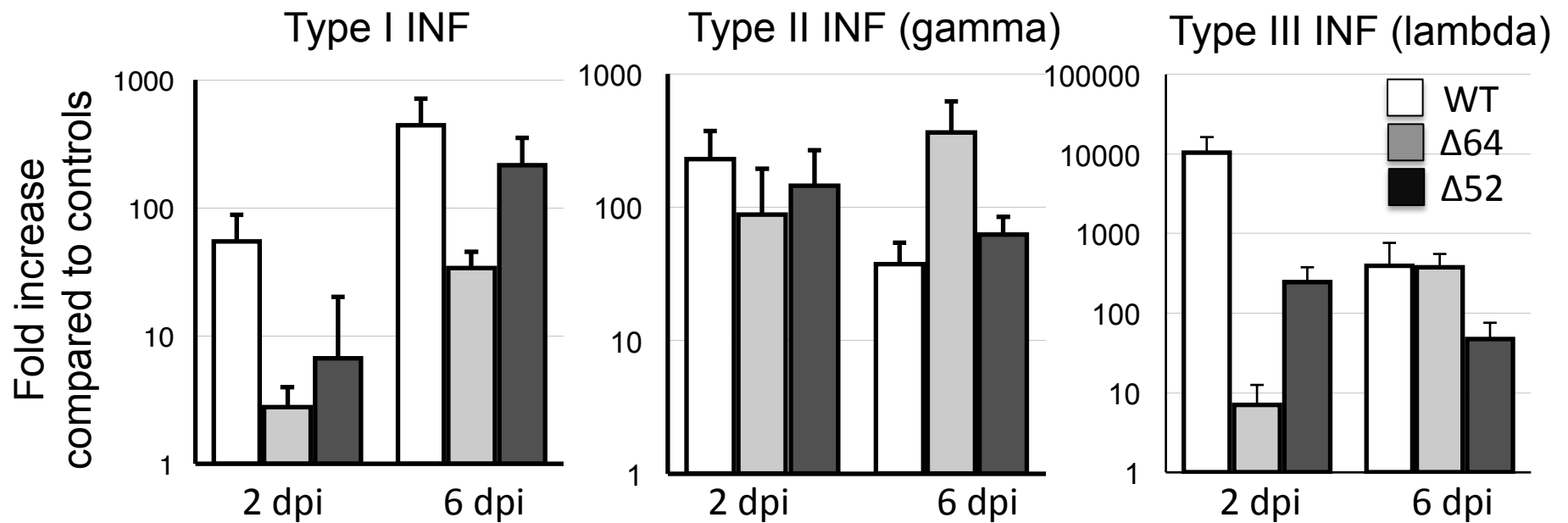
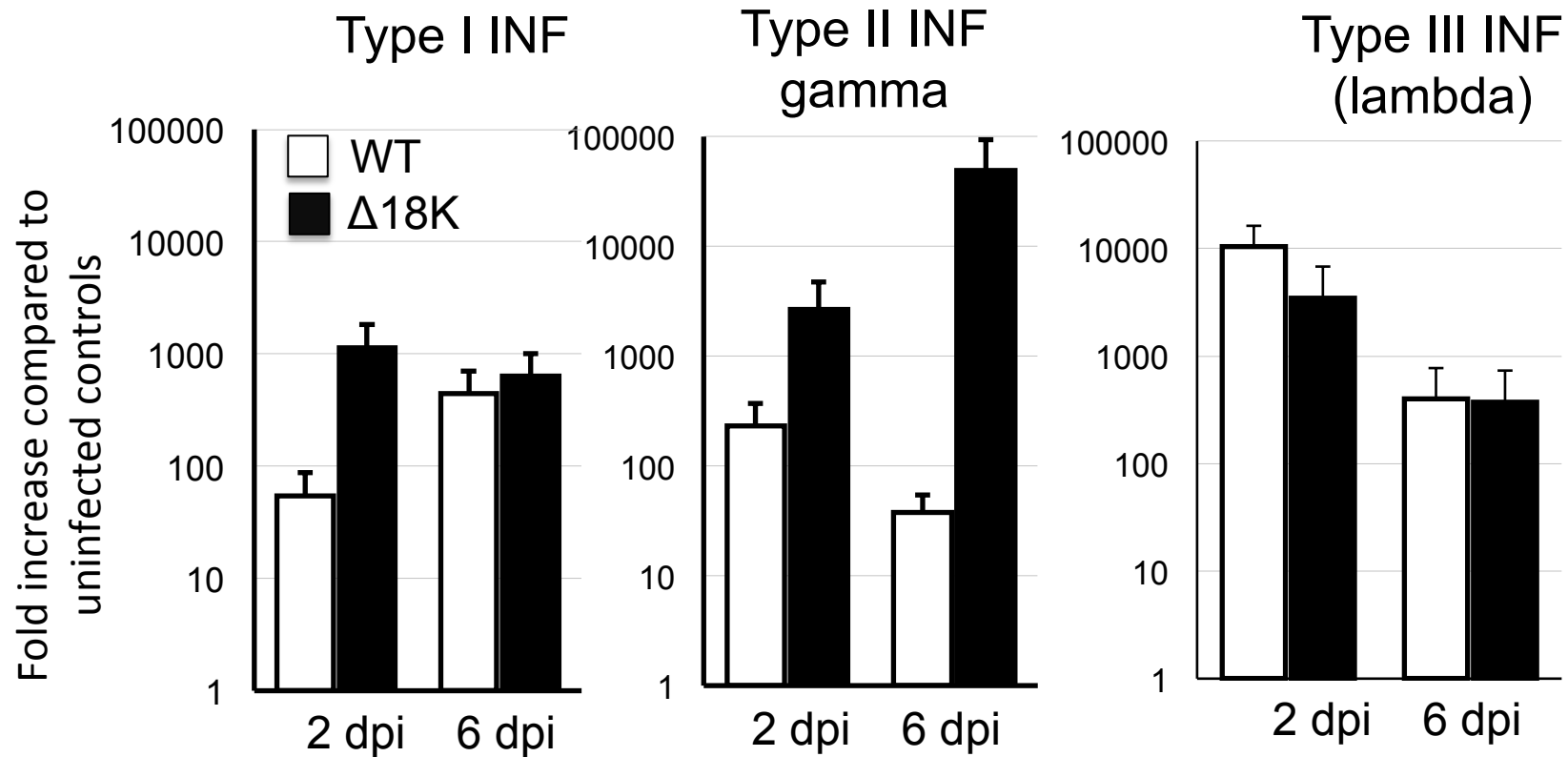


Suppl Fig. 1



Supl Fig. 1: Changes in expression by RT-qPCR of type I, II and III IFN genes in tadpole PLs during infection with $\Delta 52$ L- or $\Delta 64$ R-FV3 compared to WT-FV3. Outbred pre-metamorphic tadpoles (10-6 individuals per group) were infected by i.p. injection of 1×10^4 PFU of each virus type for 2 and 6 days (dpi). Results are average \pm SEM fold increase relative to uninfected controls. **; $P < 0.001$ and *; $P < 0.05$ significant differences between WT- and KO-FV3 using one-way ANOVA test and Tukey's post hoc test.

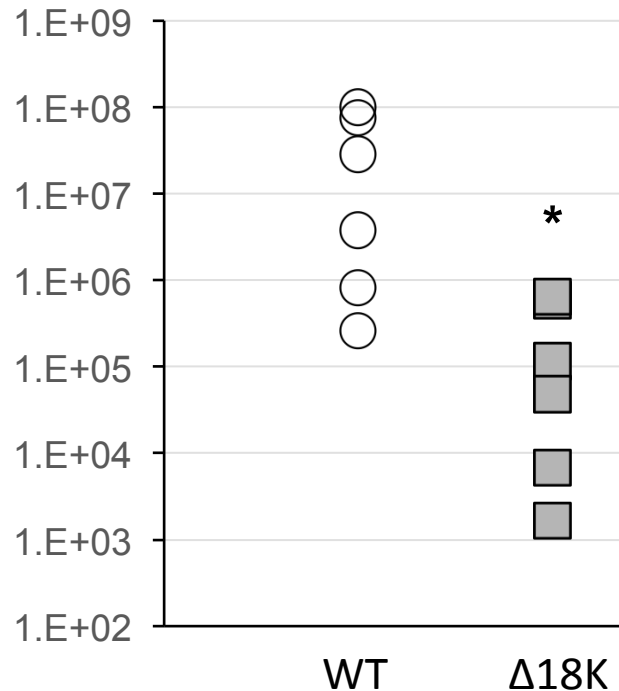
Supplementary Fig. 2



Supl Fig. 2: Changes in expression by RT-PCR of type I, II and III IFN genes in tadpole PLs during infection with Δ18K-FV3 compared to WT-FV3. Outbred pre-metamorphic tadpoles (10-6 individuals per group) were infected by i.p. injection of 1×10^4 PFU of each virus type for 2 and 6 days (dpi). Results are average \pm SEM fold increase relative to uninfected controls. **; $P < 0.001$ and *; $P < 0.05$ significant differences between WT- and KO-FV3 using one-way ANOVA test and Tukey's post hoc test.

Suppl Fig. 3

Kidney Viral Load in Adults at 6 dpi



Viral loads in kidneys of adult *X. laevis* at 6 days post-infection. Outbred adult frogs were infected by i.p. injection of 1×10^6 PFU of WT- or $\Delta 18$ -FV3 and FV3 genome copy numbers in PLs, kidneys at 6 dpi were determined by absolute qPCR using primers specific for FV3 vDNA Pol II. Results are means \pm SE of genome copy number/100m of genomic DNA of 6 to animals per group. *; $P < 0.05$ significant differences between WT and $\Delta 18$ K-FV3 using one-way ANOVA test and Tukey's post hoc test.