

Supplementary Figure S1

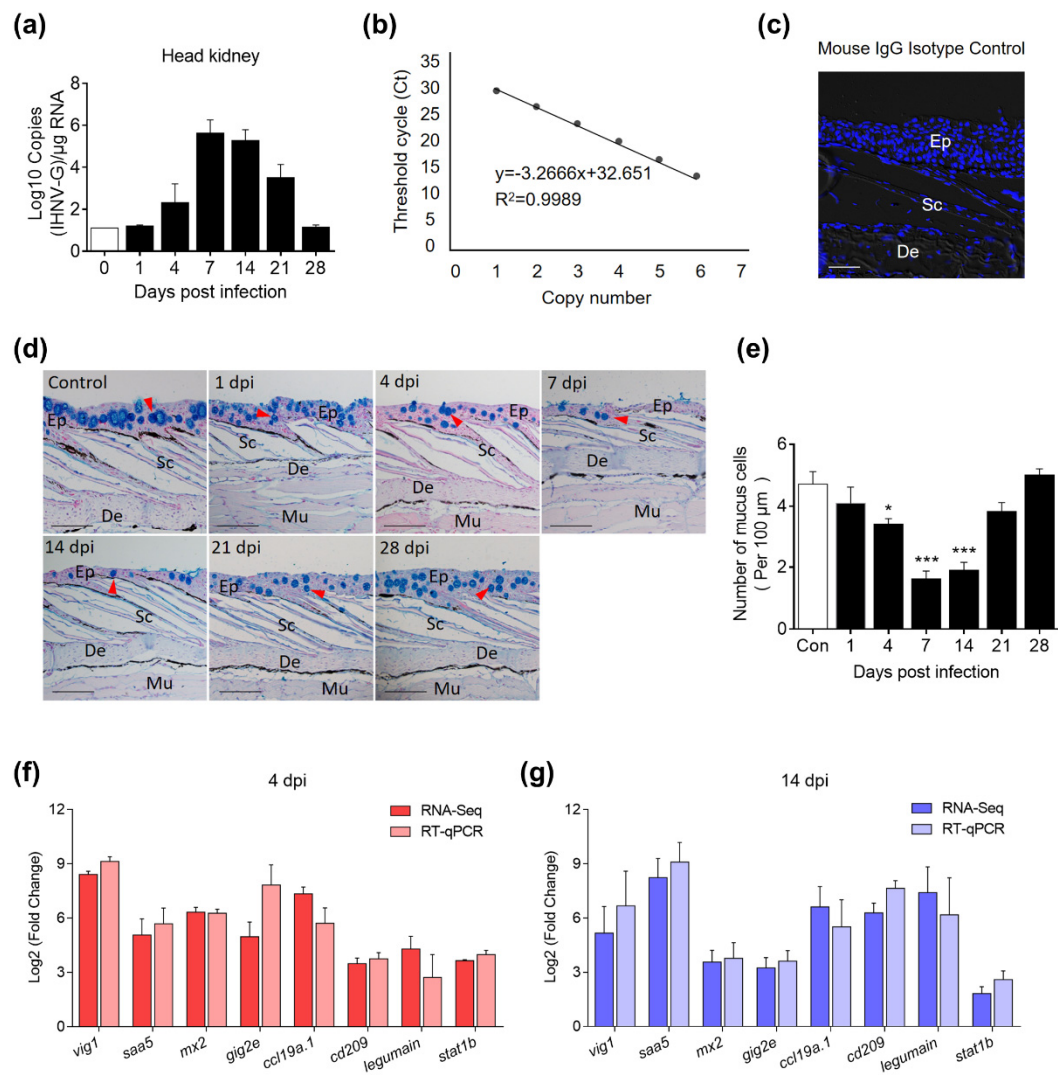


Figure S1. (a) IHN-V-G gene viral load (log₁₀) at the indicated time points after IHN-V infection was assessed in head kidney samples using a RT-qPCR assay. (b) Standard curve for IHN-V load used in this study. (c) Isotype control staining for anti-IHN-V-N antibody in skin paraffin-sections from infected fish (7 dpi). (d) Alcian blue (AB) staining of skin paraffin sections at the indicated time points (n = 6). Ep, Epidermis; Sc, Scale; De, Dermis; Scale bars, 100 μm. Red arrows indicate mucus cells within the epidermis layer of the skin. (e) Statistical histogram of the number of mucus cells in the epidermal layer of skin. Y-axis represents the average number of mucus cells per 100 μm of skin. (f-g) Validation of RNA-seq on selected genes was performed by RT-qPCR. Error bars indicate standard error.