**Figure a:** Viral Titer (log10 FFU/ml) of MYXV (M029KO) under different interferon concentrations. The graph shows the viral titer for Wild Type and EQ Mutant parental strains at 0, 7.8, 15.6, 31.3, 62.5, 125, 250, and 500 pg/ml interferon concentration.

**Figure b:** Viral Titer (log10 FFU/ml) of Vesicular Stomatitis Virus (VSV) under different interferon concentrations. The graph shows the viral titer for Wild Type and EQ Mutant parental strains at 0, 7.8, 15.6, 31.3, 62.5, 125, 250, and 500 pg/ml interferon concentration.

**Figure c:** Percentage of cells infected with Myxoma virus 48 hours after infection with PonA- and PonA+ parental, VPS4 Wild Type, and VPS4 EQ Mutant strains.

**Figure d:** Images of VPS4 Wild Type and VPS4 EQ Mutant strains 48 hours after infection with Myxoma virus.