



Supplemental Fig. 2. Constitutive mRNA expression of interferon (IFN)- κ and IFIT1 in canine papillomavirus (CPV)2 E6, E7, and E6/E7 expressing canine keratinocytes. Canine keratinocytes were generated that express vector only, CPV2 E6, CPV2 E7, or CPV2 E6/E7 using retrovirus stocks prepared by transfecting the retrovirus packaging cell line SD3443 cells with vector only, CPV2 E6, CPV2 E7, or CPV2 E6/E7 retrovirus constructs using Fugene as specified by the manufacturer and as previously described [24]. Primary canine keratinocytes expressing vector only, CPV2 E6, CPV2 E7, or CPV2 E6/E7 were cultured for 48 hours before mRNA expression of IFN- κ and IFIT1 were assessed by quantitative RT-PCR. Resulting Cq values were normalized to the Cq value of the reference gene and calibrated to mRNA expression in vector only control. mRNA expression of IFN- κ was not significantly altered in any of the cells. mRNA expression of IFIT1 was significantly diminished in canine keratinocyte expressing CPV2 E6 and CPV2 E6/E7. Experiments were performed in triplicate and repeated in two independent experiments. Results are expressed as mean \pm SEM. *** p <0.001. IFIT1, IFN-Induced Protein with Tetratricopeptide Repeats 1.