

Article

Equine PBMC cytokines profile after *in vitro* α - and γ -EHV infection: efficacy of a Parapoxvirus ovis based-immunomodulator treatment.

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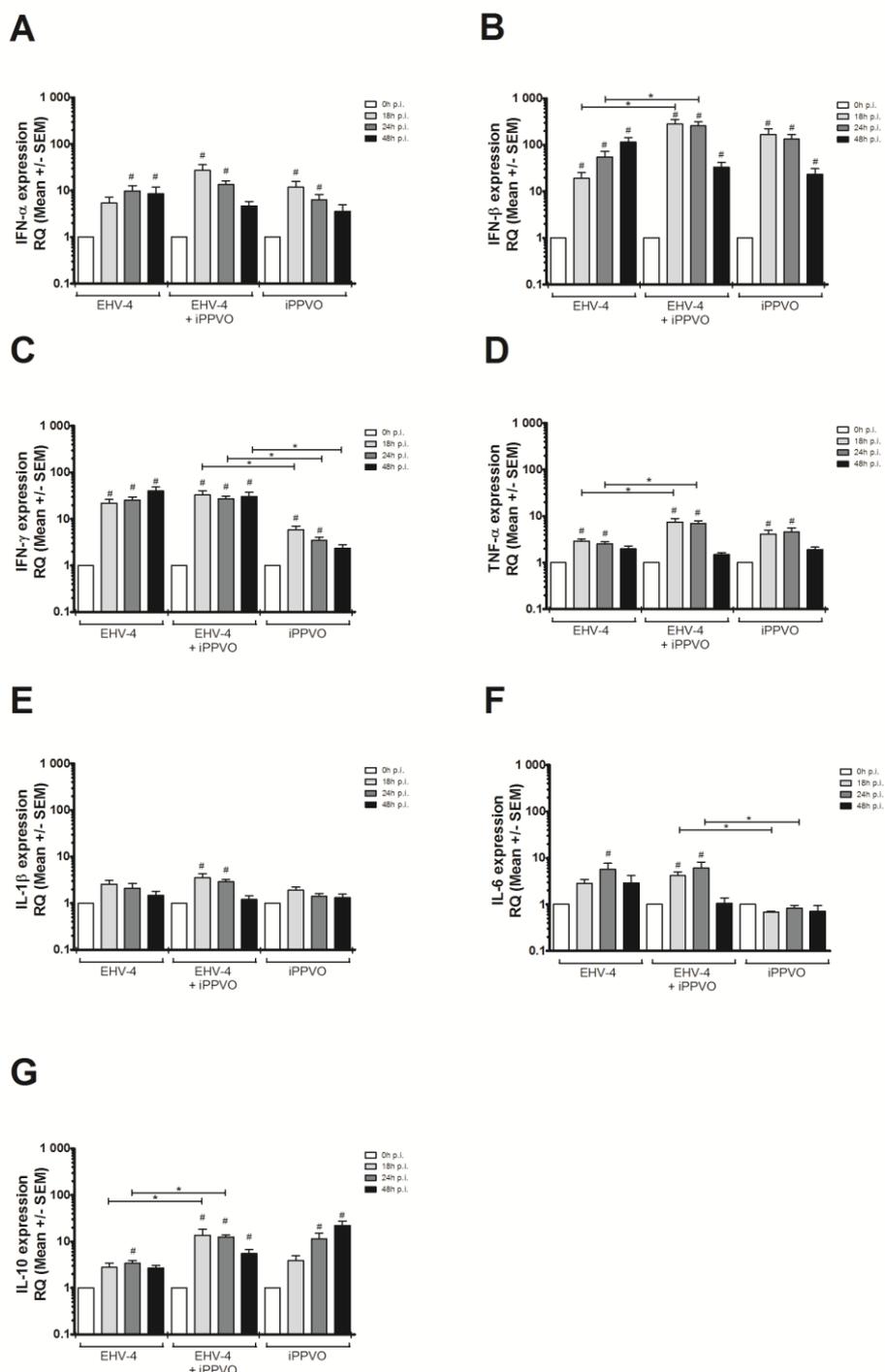


Figure S1. Cytokines mRNA expression measured by real-time PCR after infection of PBMC with EHV-4 alone, after co-treatment iPPVO/EHV-4 and after iPPVO treatment. Cytokines measured were IFN- α (A), IFN- β (B), IFN- γ (C), TNF- α (D), IL-1 β (E), IL-6 (F) and IL-10 (G). White bars represent mRNA expression at 0 h (T₀), light grey bars represented mRNA expression at 18 hpi, dark grey bars at 24 hpi and black bars at 48 hpi; n=3 horses with 3 independent reverse-transcriptase PCR. Data are reported as means \pm SEM as times-fold increase over the T₀. The level of significance was setup at p-value <0.05. Significant differences compared to T₀ are indicating by # and differences between all conditions by star (p<0.05). The iPPVO/EHV co-infection condition was compared with EHV infection alone or iPPVO treatment alone.

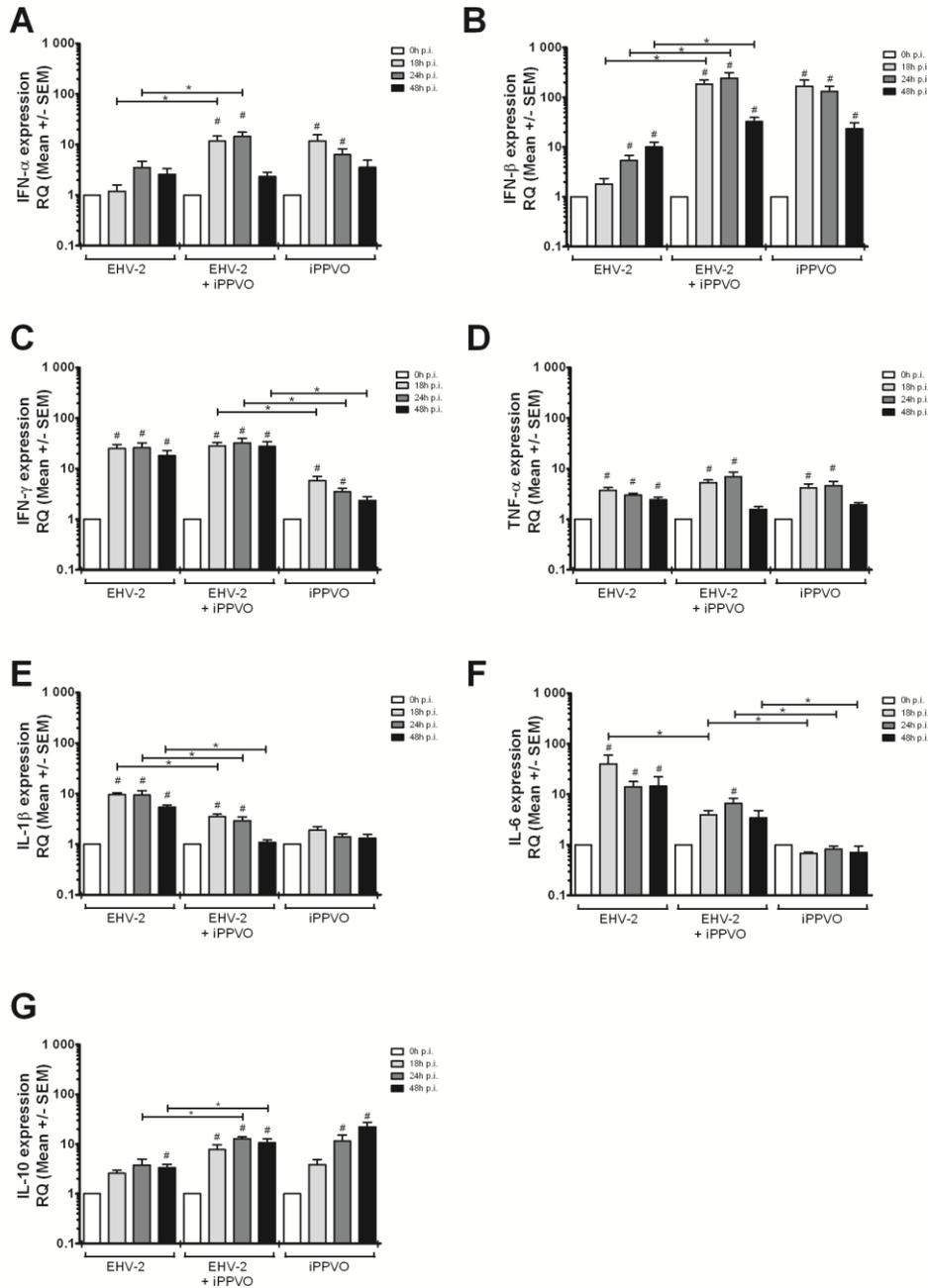


Figure S2. Cytokines mRNA expression measured by real-time PCR after infection of PBMC with EHV-2 alone, after co-treatment iPPVO/EHV-2 and after iPPVO treatment. Cytokines measured were IFN- α (A), IFN- β (B), IFN- γ (C), TNF- α (D), IL-1 β (E), IL-6 (F) and IL-10 (G). White bars represent mRNA expression at 0 h (T₀), light grey bars represented mRNA expression at 18 hpi, dark grey bars at 24 hpi and black bars at 48 hpi; n=3 horses with 3 independent reverse-transcriptase PCR. Data are

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