

**SUPPLEMENTARY FIG. S3.** Comparison of MHCII upregulation by IFN $\gamma$  on MSC versus skin fibroblast (FB). Canine (P2) MSC or skin FB was cultured either without or in the presence of 100 ng/mL canine IFN $\gamma$  for 18 hr. Cells were harvested and stained with a FITC-conjugated mouse anti-canine MHCII, and the geometric MFI was assessed by flow cytometry. (A) Raw flow cytometry data showing the comparison of MFI of MHCII in representative histograms between MSC versus FB. (B) Summary data of FITC MFI of triplicate culture samples. Data are representative of four independent experiments. P values calculated for statistical variance were determined using a paired two-tailed Mann–Whitney test. \*P<0.05, \*\*P<0.01, \*\*\*P<0.005, and \*\*\*\*P<0.001.