

Fig S1 Splenocytes were isolated from C57Bl/6NJ, *Stat4*^{-/-}, *Stat4*^{+/-}, *Stat4*^{E626G/+}, and *Stat4*^{E626G/-} mice and treated with 1ug/ml PMA and 50ng/ml IL-12 for 20 minutes. Splenocytes were lysed and total protein was immunoblotted for the presence of STAT4 and Actin.

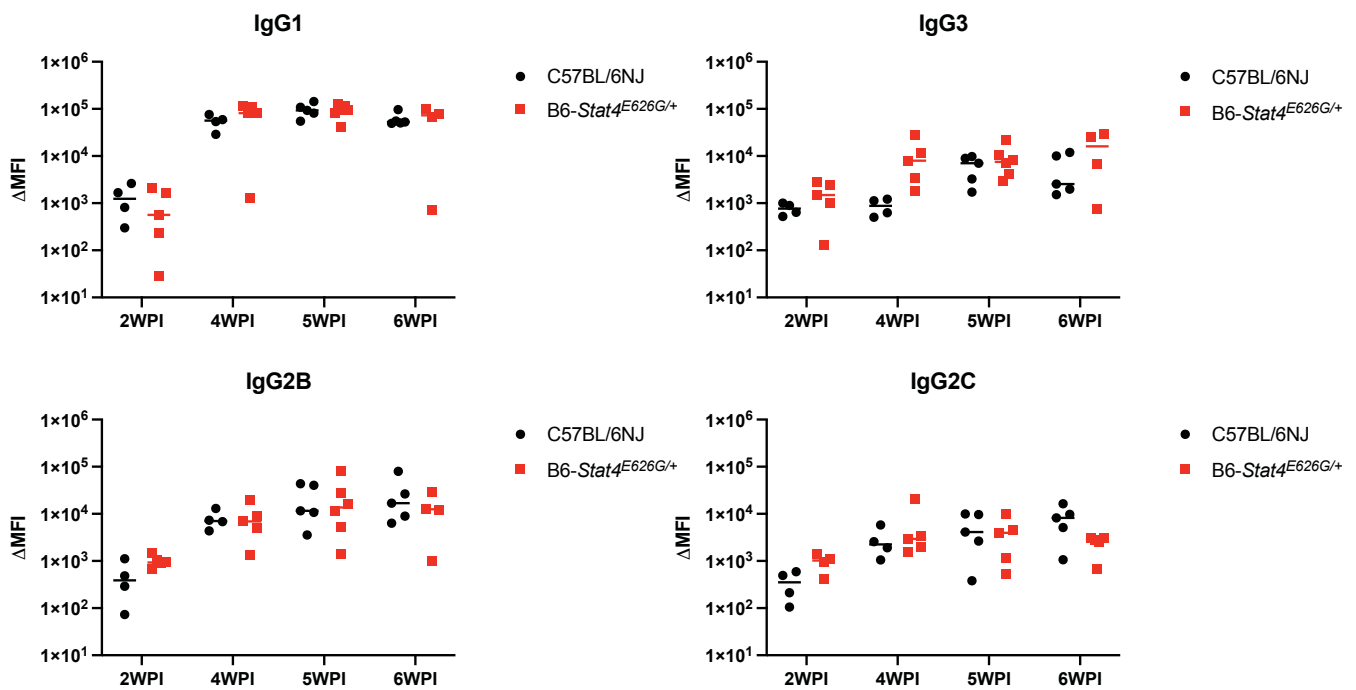


Fig. S2. *Stat4*^{E626G/+} and WT mice have similar serum antibodies after Cp1038 infection. C57BL/6NJ (black circles), B6-*Stat4*^{E626G/+} (red squares) mice were intranasally infected with Cp1038. At the indicated time points mice were sacrificed (N=4-5/time point) and *Coccidioides* specific antibodies were measured by FLISA. Data is expressed as increase in MFI compared to naïve serum. No significant difference was determined using a Mann-Whitney on log transformed data.

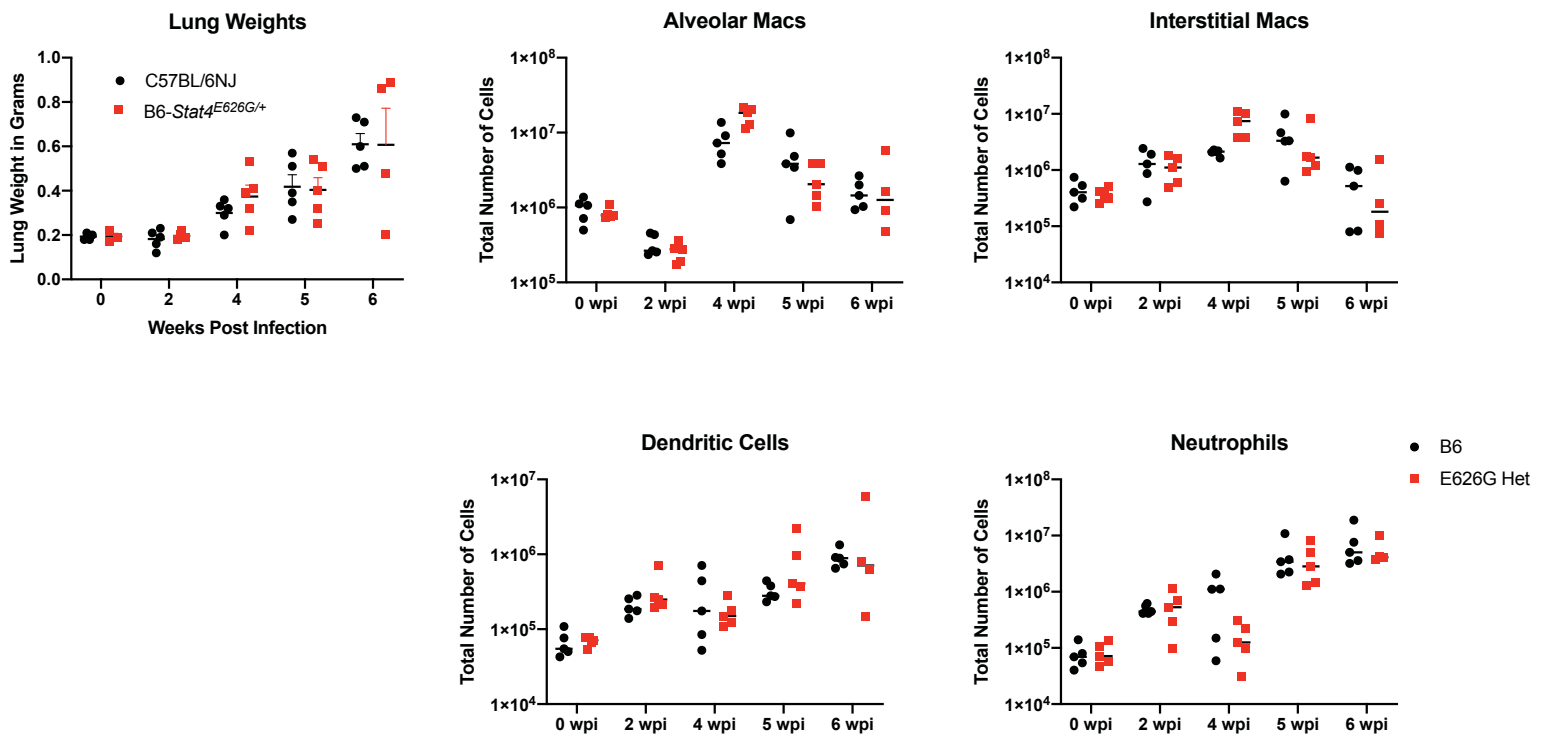


Fig. S3. *Stat4*^{E626G/+} and WT mice have similar innate cell and weight accumulation in the lungs after Cp1038 infection. C57BL/6NJ (black circles), B6-*Stat4*^{E626G/+} (red squares) mice were intranasally infected with Cp1038. At the indicated time points mice were sacrificed (N=4-5/time point) and total lung weight as well as numbers of innate cells were determined in the lungs by flow cytometry. No significance was determined by Mann-Whitney on log transformed data. Data is representative of 2 experiments of similar design.