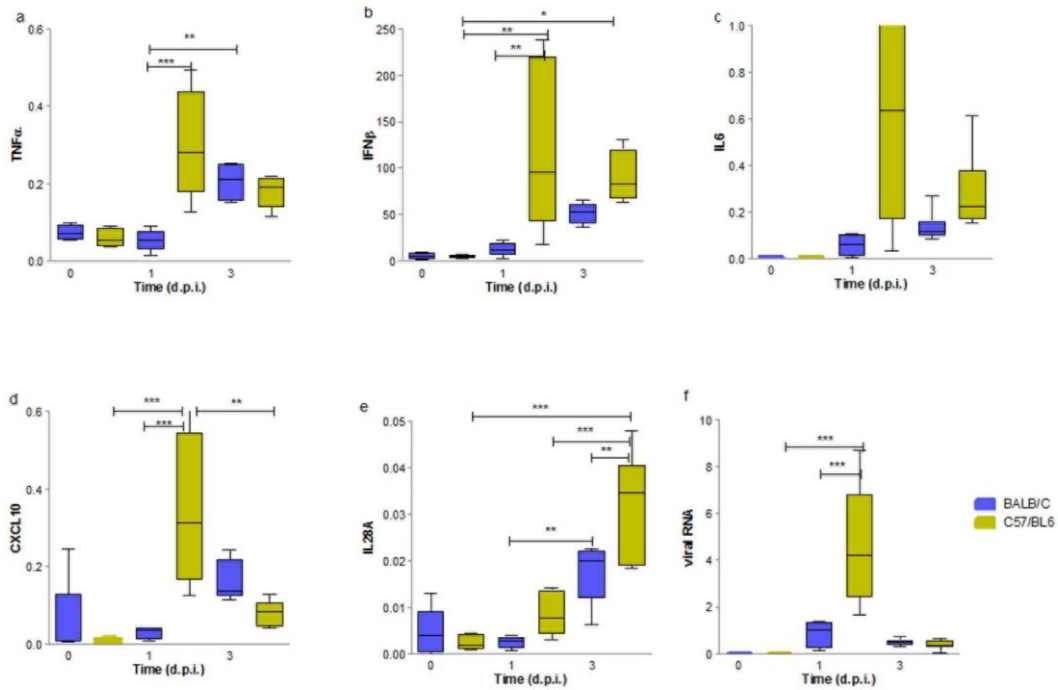


## Additional file 2



### Comparison of host immune response between A/Nanchang/8002/2009 infected C57/BL6 and BALB/C mice

Kinetics of host immune response was observed in C57/BL6 mice infected with  $10^5$  EID<sub>50</sub> of A/Nanchang/8002/2009 H1N1 (NC2). Animals were euthanized at 0, 1 and 3 dpi. Lung mRNA levels of major proinflammatory markers were determined by real time RT-PCR. Results are presented as mean  $\pm$  SEM of mRNA levels normalized with mouse  $\beta$ -actin gene. Statistical differences were calculated by Mann Whitney U test. \*\*\* - P < 0.0001, \*\* - P < 0.001, \* - P < 0.01