



Supplementary fig. 1 The expression of the hCD20 transgene does not change the phenotype and function of BDC2.5 T cells

- (A) Percentage of BDC2.5 T cells ($V\beta 4^+CD4^+$) in the total lymphocytes of different lymphoid organs. $n=6\sim 7$ per group, in both male and female mice. $P>0.05$ for all.
- (B) Percentage of B cells ($CD19^+B220^+$) in the total lymphocytes of different lymphoid organs. $n=6$ per group, in both male and female mice. $P>0.05$ for all.
- (C) Function of BDC2.5 T cells. Response of BDC2.5 T cells isolated from either hCD20BDC2.5 NOD or BDC2.5 NOD mice to antigen stimulation. The proliferative response was presented as 3H-thymidine incorporation (cpm). $P>0.05$ for all. The experiment was performed twice in both male and female mice.