

SUPPLEMENTARY DATA

Supplementary Figure 1. The *ins2* mutation in Akita mice causes lifelong hyperglycemia, decreased weight gain, and lymphopenia with little effect on T and B cell frequencies or T cell phenotype. A: Blood glucose readings of young Akita and littermate mice; n=20-29. B: Weight of Akita and littermate mice (n=20-29). C: Cell counts of spleen, pooled peripheral inguinal and brachial lymph nodes (perLN) and mesenteric lymph nodes (MLN); n=7-22. D-E: Frequencies of CD4+ (D) and CD8+ (E) cells; n=5-11. F-G: Frequency of CD44^{hi}CD62L^{lo} effector memory T cells (F) and CD44^{hi}CD62L^{hi} central memory T cells (G); n=4-5. H: Frequency of FoxP3+ cells within CD4+ cells; n=5-11. I: Frequency of CD19+ cells; n=5-11. Black circles=B6, white squares=Akita. Student twotailed T test, *=p<.05, **=p<.01, ***=p<.001.

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