

Supplemental Figures

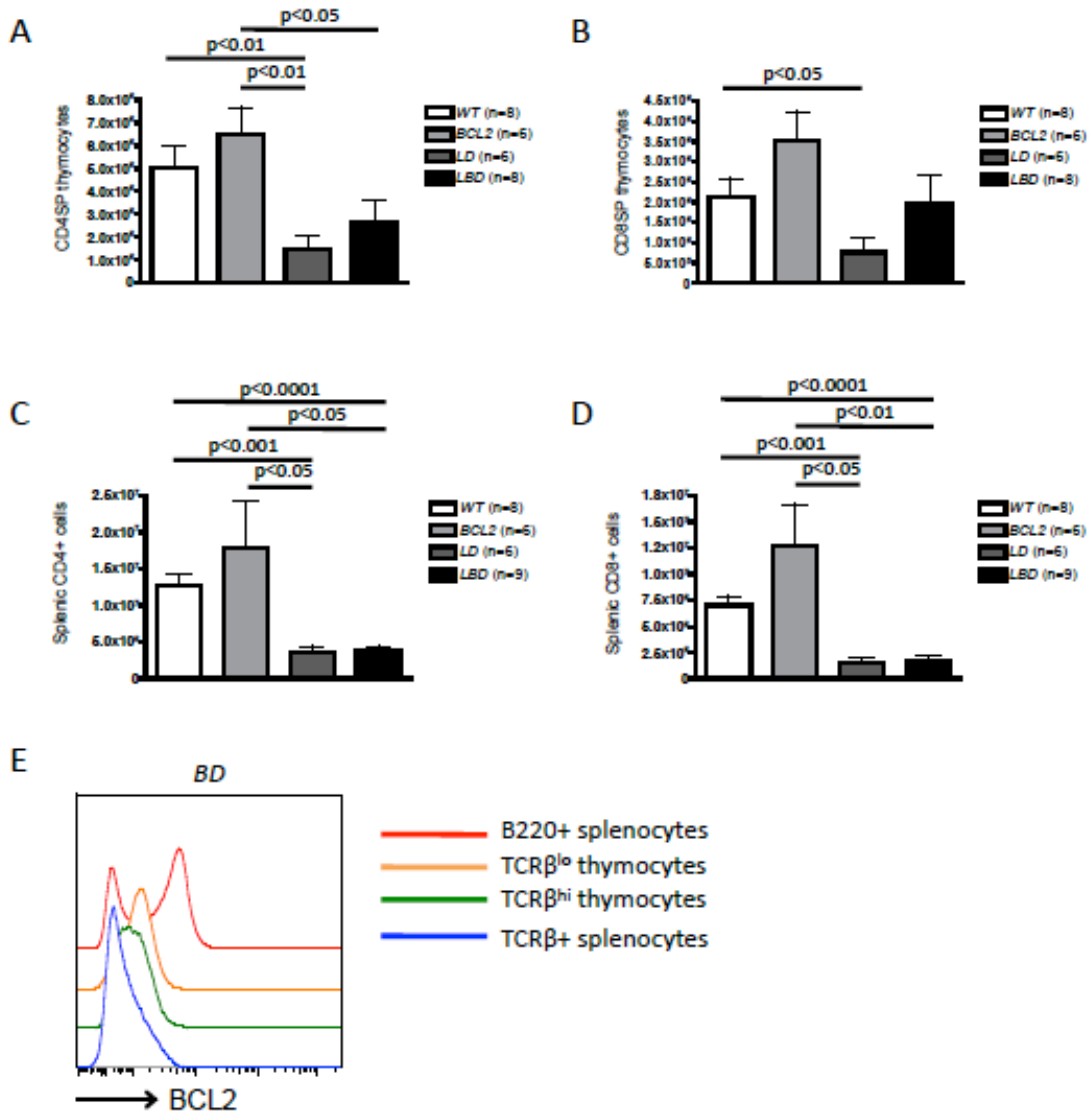


Fig. S1. *EμBCL2* transgene rescues thymic cellularity in *LckCre;Dicer^{flx/flx}* mice. *A* and *B*, Numbers of CD4⁺ (*A*) or CD8⁺ (*B*) CD24^{lo}TCRβ^{hi} mature thymocytes in mice of the indicated genotypes. *C* and *D*, Numbers of CD4⁺ (*C*) or CD8⁺ (*D*) splenic T cells in mice of the indicated genotypes. *E*, Human BCL2 expression in thymocytes, splenic T cells, or B220⁺ cells of a representative *EμBCL2* mouse as detected by intracellular flow cytometry. *A-D*, The number of mice analyzed is indicated. Each experiment was performed at least three times.

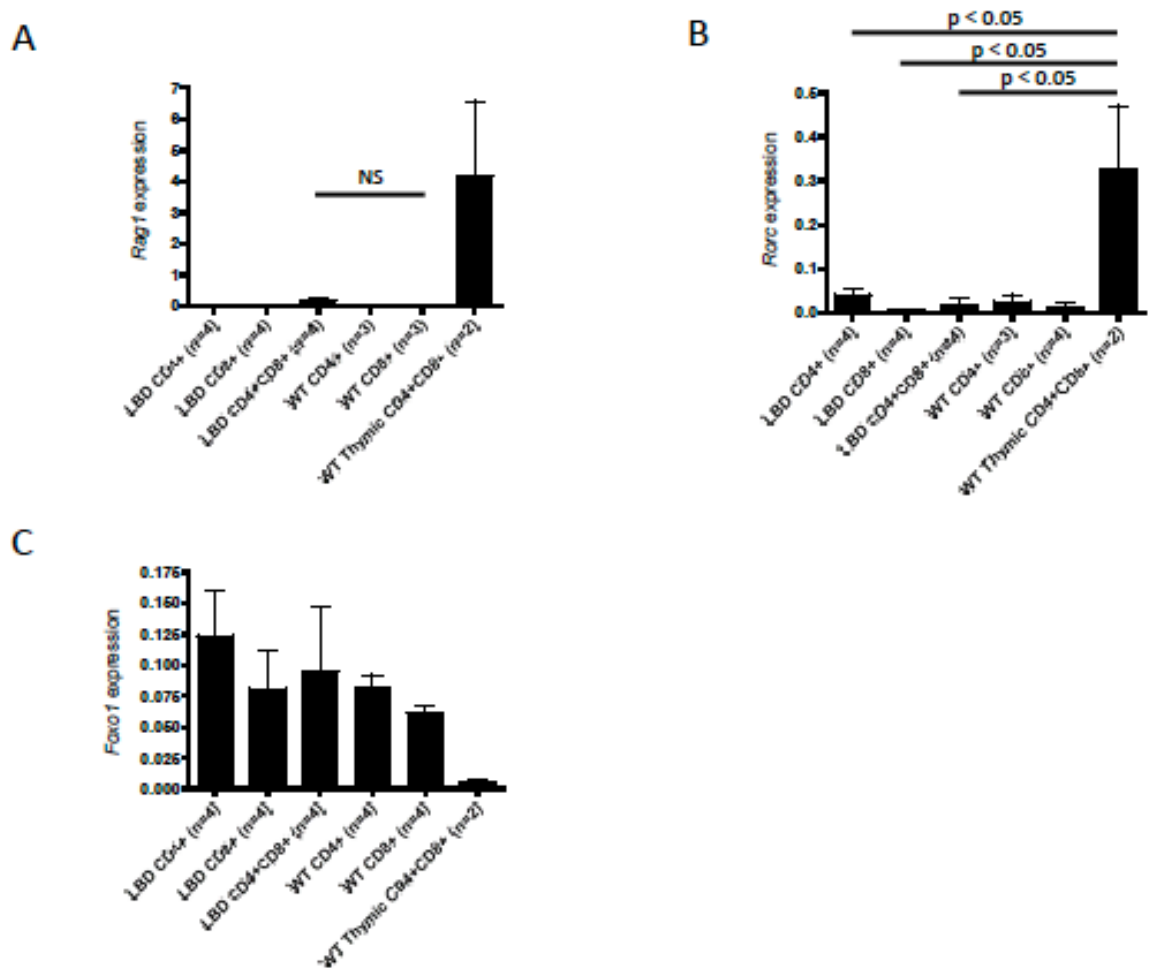


Fig. S2. Characterization of aberrant CD4⁺CD8⁺ splenic T cells from *LBD* mice. A-C, *Rag1* (A), *Rorc* (B), or *Foxo1* (C) mRNA expression in sorted populations of the indicated genotypes. A-C, The numbers of mice analyzed are indicated. Each experiment was performed at least twice.

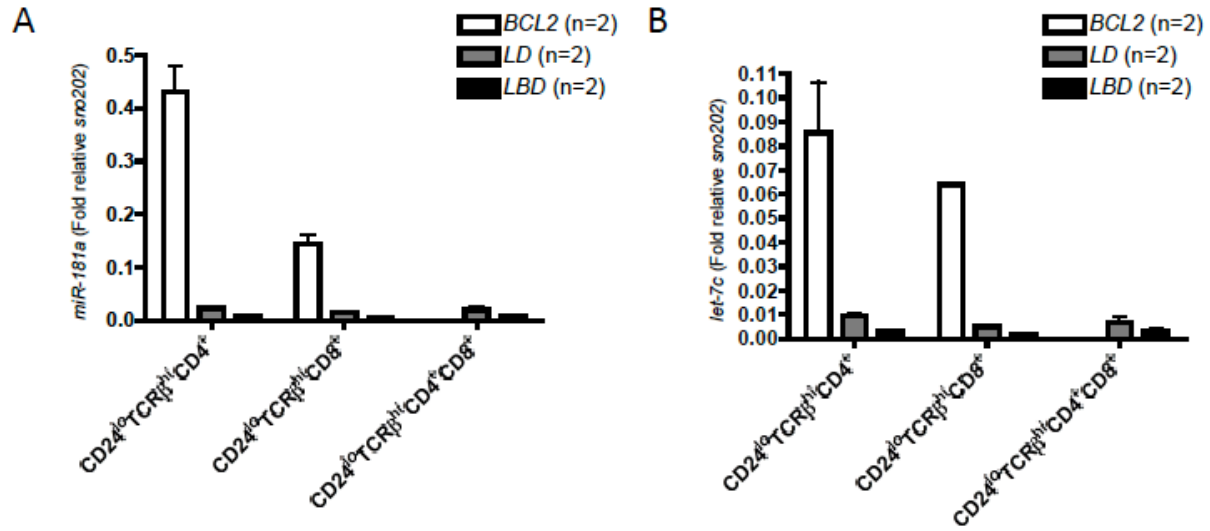


Fig. S3. Equivalent miRNA loss in mature thymocytes from *LBD* mice exhibiting normal or impaired coreceptor silencing. *A* and *B*, Expression of miR-181a (*A*) or let-7c (*B*) in sorted mature thymocyte (CD24^{lo}TCRβ^{hi}) populations from mice of the indicated genotypes. The numbers of mice analyzed are indicated. The experiment was performed twice.