

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: **DEGs for follicular T cell clusters.** List of cluster-defining differentially expressed genes for each follicular T cell cluster defined by scRNA-seq.

File Name: Supplementary Data 2

Description: **DEGs between mixed autoimmune versus wild type chimera follicular T cells.** List of differentially expressed genes amongst follicular T cells from autoimmune (564Igi) versus wild type (WT) chimeras determined by scRNA-seq.

File Name: Supplementary Data 3

Description: **GLIPH2 specificity group assignments of clonotypes from scTCR-seq.** List of GLIPH2-based specificity group assignments of clonotypes identified by scTCR-seq of follicular T cells from autoimmune (564Igi) and wild type (WT) chimeras.

File Name: Supplementary Data 4

Description: **Reference database of known antigen specificities.** Compiled database of CDR3 β sequences matched with known antigen specificities used for antigen specificity prediction.