

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Characteristics of study participants.

File Name: Supplementary Data 2

Description: Compiled and filtered TCR sequences used in this study.

File Name: Supplementary Data 3

Description: Peptide contacts with IAR TCR sequence features.

File Name: Supplementary Data 4

Description: Overlapping islet peptide libraries.

File Name: Supplementary Data 5

Description: Flow cytometry antibodies.

File Name: Supplementary Data 6

Description: DNA sequence encoding P196-1 TCR.