## **Description of Additional Supplementary Files**

File name: Supplementary Data 1 Description: 95% Credible Sets for all reported Loci.

**File name:** Supplementary Data 2 **Description:** 99% Credible Sets for Reported Loci from Pooled Analysis with <50 Variants.

**File name:** Supplementary Data 3 **Description:** References for previous identification of variants in this study.

**File name:** Supplementary Data 4 **Description:** Reference for previous identification of gene regions in this study.

**File name:** Supplementary Data 5 **Description:** Lookups in related traits of identified loci in TOPMed projects.

**File name:** Supplementary Data 6 **Description:** Significant Results of genome wide Fasting Glucose gene-centric rare variant aggregate tests.

**File name:** Supplementary Data 7 **Description:** Significant Results of genome wide Fasting Glucose genetic-regions (sliding window) rare variant aggregate tests.

**File name:** Supplementary Data 8 **Description:** Significant Results of genome wide log Fasting Insulin gene-centric rare variant aggregate tests.

**File name:** Supplementary Data 9 **Description:** Significant Results of genome wide log Fasting Insulin genetic-regions (sliding window) rare variant aggregate tests.