File Name: Supplementary Data 1 **Description:** Clinical and laboratory information about each individual and sample

File Name: Supplementary Data 2 Description: Clinical and laboratory metadata used bioinformatics analysis

File Name: Supplementary Data 3 **Description:** Quality control statistics for RNA-Seq data

File Name: Supplementary Data 4 **Description:** Biotype counts for expressed genes

File Name: Supplementary Data 5 **Description:** Differential expression analysis based on residual Sendai virus expression

File Name: Supplementary Data 6 **Description:** Gene set enrichments for residual Sendai virus differential expression analysis

File Name: Supplementary Data 7 **Description:** Coexpression modules and gene set enrichments

File Name: Supplementary Data 8 **Description:** Differential expression analysis between SZ and controls

File Name: Supplementary Data 9 **Description:** Gene set enrichments for cell type composition differential expression analysis