## **Description of Additional Supplementary Files**

Title: Supplementary Data 1

Description: To further address the impact of APOE4 and/or AD status on transcriptional profiles in iPSCderived organoids, we performed RNA-sequencing (RNA-seq) at week 12. Significantly changed genes for different comparison groups are listed in the file. The directions of DEGs are shown as positive (+) or negative (-) fold changes.