Table S1: Enriched terms of the upregulated DEGs in day 13 compared to day 0; Table S2: Enriched terms of the downregulated DEGs in day 13 compared to day 0; Table S3: Enriched terms of genes in each cluster identified by MCODE plugin in day 7 compared to day 0; Table S4: Enriched terms of genes in each cluster identified by MCODE plugin in day 13 compared to day 7; Video S1: Pharmacological evaluation of induced neurons with L-glutamate and nicotine at day 33; Video S2: Pharmacological evaluation of induced neurons with capsaicin and menthol at day 33.