

SUPPLEMENTARY FIG. S5. Treatment of cortical organoids with heparin and heparinase III. (A) Representative fluorescent images of markers: Glut (glutamate), GABA, β -tub (β -tubulin III), BRN2, TBR1, p-tau, and A β 42 for iPSK3 samples after the treatments. Scale bar: $100\,\mu m$. (B) Quantification of A β 42, GABA, glutamate, BRNA, and TBR1 expression for samples after the treatments.