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**SI Table 1 Clinico-pathological information of patients with MDD and control subjects**

Abbreviations: ACC, anterior cingulate cortex; BZD, benzodiazepine; BW, brain weight; Ctr, control; DLPFC, dorsolateral prefrontal cortex; F, female; g, gram; GSW, gunshot wound; L, left; MAOI, MAO inhibitor; MDD, major disorder depression; M, male; MVA, motor vehicle accidents; OD, overdose; PMD, postmortem delay; R, right; RIN, RNA integrity number; SARI, Serotonin antagonist and reuptake inhibitors; SMRI, Stanley Medical Research Institute; SNRI, Serotonin-norepinephrine reuptake inhibitors; SSRI, selective serotonin reuptake inhibitor; SUI, suicide; TCA, tricyclic antidepressant; y, years.

**SI Table 2 Clinico-pathological information of patients with MDD, BD and control subjects**

Abbreviations: ACC, anterior cingulate cortex; APOE, apolipoprotein; BD, bipolar disorder; BZD, benzodiazepine; BW, brain weight; CBZ, carbamazepine; CTD, clock time of death; Ctr, control; DLPFC, dorsolateral prefrontal cortex; MTD, month time of death; ECT, electro-convulsive treatment; F, female; g, gram; h, hour; L, left; Li, lithium; MAOI, MAO inhibitor; MDD, major disorder depression; Mo, morphine; M, male; NBB, Netherlands Brain Bank; ND, no data; PMD, postmortem delay; R, right; RIN, RNA integrity number; SSRI, selective serotonin reuptake inhibitor; TCA, tricyclic antidepressant; y, years.

**SI Table 3 Oligonucleotides of primers**