

**Table S11.** The sequences of DNA.

Serotonin aptamer	5' SH-CGA CTG GTA GGC AGA TAG GGG AAG CTG ATT CGA TGC GTG GGT CG-3'
Serotonin complementary DNA	5'-CGA CCC ACG CAT CGA ATC AGC TTC CCC TAT CTG CCT ACC AGT CG-SH 3'
Dopamine aptamer	5'-GTC TCT GTG TGC GCC AGA GAA CAC TGG GGC AGA TAT GGG CCA GCA CAG AAT GAG GCC C-SH 3'
Dopamine complementary DNA	5' SH-GGG CCT CAT TCT GTG CTG GCC CAT ATC TGC CCC AGT GTT CTC TGG CGC ACA CAG AGA C-3'
Cortisol aptamer	5' SH-GGA ATG GAT CCA CAT CCA TGG ATG GGC AAT GCG GGG TGG AGA ATG GTT GCC GCA CTT CGG CTT CAC TGC AGA CTT GAC GAA GCT T-3'
Cortisol complementary DNA	5'-AAG CTT CGT CAA GTC TGC AGT GAA GCC GAA GTG CGG CAA CCA TTC TCC ACC CCG CAT TGC CCA TCC ATG GAT GTG GAT CCA TTC C-SH 3'