Figure S3

A) Schematic diagram of BDNFpI+IIEGFP construct with exon I, CRE, RE-1, exon II, and EGFP. Relative positions are +1, +639, +1203, and +1422.

C) Immunofluorescence images showing high and low expression levels of BDNFpI+IIEGFP, DAPI, and CtBP1 with 4AP bicu (8h) treatment.

D) Similar images to C) but for APV CNQX (48h) control 4AP bicu (8h) treatment.

G) Western blot analysis showing CtBP1, Synapsin 1,2, Synaptophysin 1, and GAPDH levels in CtBP1KD467 compared to scrambled.

H) Graph showing Pearson correlation of nuclear CtBP1 and nuclear FEGFP (AU) with Pearson r = -0.47, p=0.01.

I) mRNA levels in CtBP1KO467 normalized to scrambled.