



**Supplementary Figure 2.** Exploring CRHR1-related downstream signaling using immunoblotting. A: Compared to the CTL, the maternal separation with social isolation group (MS+SS) showed significant increases in MAP2. B: Representative figures of immunoblot experiments. No difference was observed in the major downstream signaling and associated proteins of CRHR1, such as GRIN2B, mTOR, p-mTOR, ERK, and p-ERK (N=3 mice each group; 6 mice each group in MAP2 assay only. One-way analysis of variance, \* $p < 0.05$ ; \*\* $p < 0.01$ , post-hoc Tukey t-test). CTL, control group; MS, maternal separation group; SS, social isolation after maternal separation group; CRHR1, corticotropin-releasing hormone receptor 1; MAP2, microtubule-associated protein 2.