

ORIGINAL RESEARCH ARTICLE

Cognition damage due to disruption of cyclic adenosine monophosphate-related signaling pathway in melatonin receptor 2 knockout mice

Raw Image File

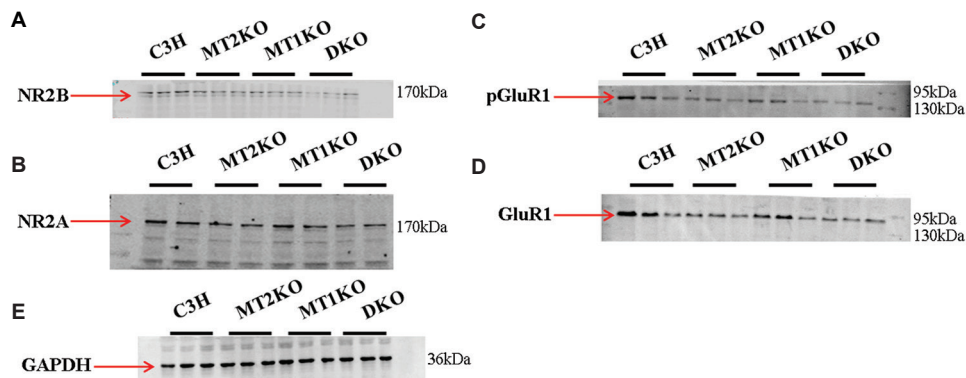


Figure S1. Original images of Western blot for NR2B, NR2A, pGluR1, GluR1, and GAPDH in Figure 4D. (A) Western blot for NR2B (170 kDa); (B) Western blot for NR2A (170 kDa); (C) Western blot for pGluR1 (100 kDa); and (D) Western blot for GluR1 (100 kDa).

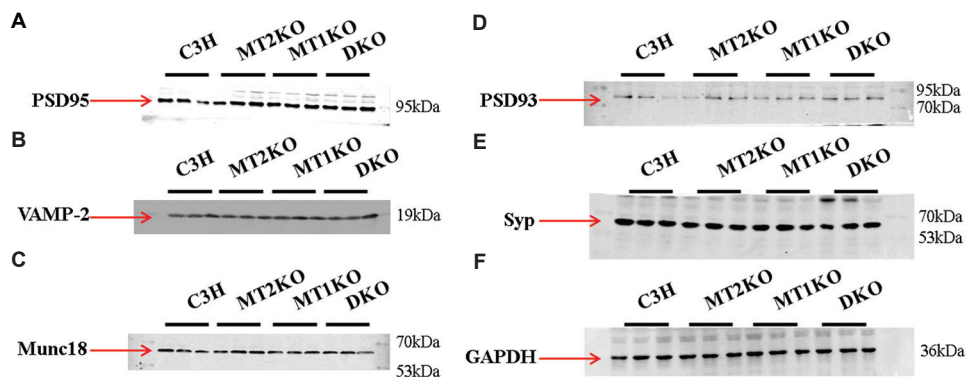


Figure S2. Original images of Western blot for PSD95, VAMP2, Munc18, PSD93, synaptophysin (Syp), and GAPDH in Figure 4F. (A) Western blot for PSD95 (95 kDa); (B) Western blot for VAMP-2 (19 kDa); (C) Western blot for Munc18 (67 kDa); (D) Western blot for PSD93 (93 kDa); (E) Western blot for Syp (65kDa); and (F) Western blot for GAPDH (36 kDa).

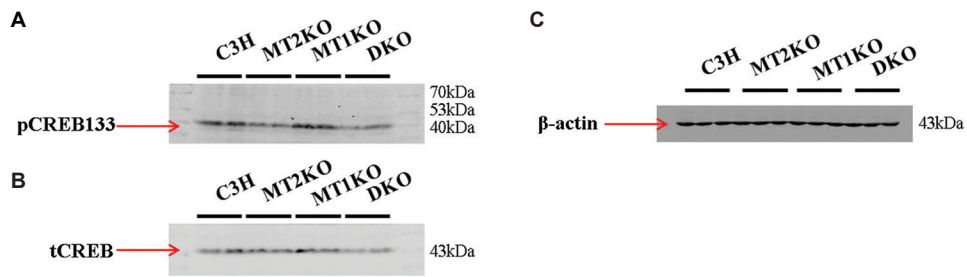


Figure S3. Original images of Western blot for pCREB133, tCREB, and β -actin in Figure 5A. (A) Western blot for pCREB133 (43 kDa); (B) Western blot for tCREB (43 kDa); and (C) Western blot for β -actin (43 kDa).

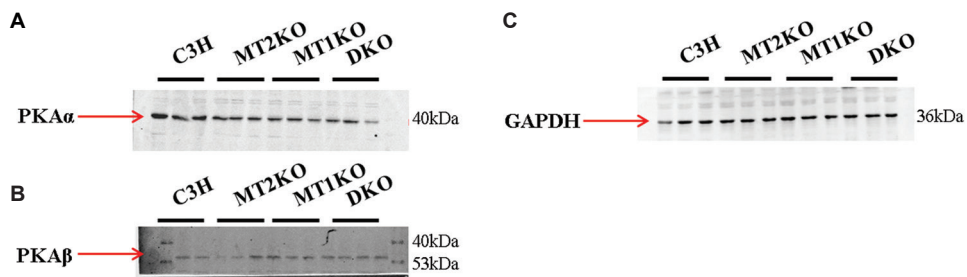


Figure S4. Original images of Western blot for PKA α , PKA β , and GAPDH in Figure 5C. (A) Western blot for PKA α (40 kDa); (B) Western blot for PKA β (50 kDa); and (C) Western blot for β -actin (43 kDa).

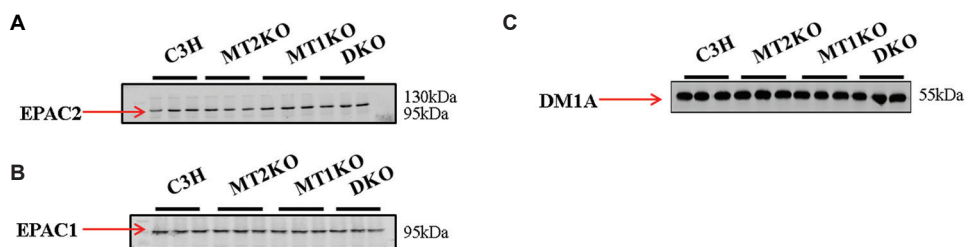


Figure S5. Original images of Western blot for EPAC2, EPAC1, and DM1A in Figure 5H. (A) Western blot for EPAC2 (115 kDa); (B) Western blot for EPAC1 (100 kDa); and (C) Western blot for DM1A (55 kDa).