Supplementary Materials

Figure 1. Generation of conditional Ubiad1 knockout mice. (A) Schematic presentation of Ubiad1 genome, targeting vector, and disrupted Ubiad1 genome. (B) PCR genotyping of UBIAD1+/+, Ubiad1flox/+ and Ubiad1flox/flox fetus. PCR genotyping of tail DNA of UBIAD1+/+, Ubiad1flox/+ and Ubiad1flox/flox fetus. Lane 1, PCR bands of UBIAD1+/+ fetus. Lane 2, PCR bands of CAG-Cre-ERT−/+ UBIAD1fl/fl fetus. Lane 3, PCR bands of CAG-Cre-ERT−/+ UBIAD1fl/flox fetus.

Figure S2. Ubiad1 mRNA expression in the cerebrum, cerebellum, and kidney of female Flox and UBIAD1-cKO mice at 40 days after administration of tamoxifen. * p < 0.05, *** p < 0.001 when compared with the corresponding values in the Flox + Tam mice.