



Supplementary Figure S2 Quantitative real-time RT-PCR assay of *cAgRP*, *cPOMC*, *cMRAP2*, and *cNPY* mRNA levels in the hypothalamus of 4-week-old male chicks under 24-h (F24) or 36-h fasting (F36). The mRNA levels of target gene were normalized to that of β -actin and expressed as the fold difference compared with that of control (Con) (chicks with free access to food and water). Each data point represents the mean \pm SEM of 8 chicks ($N = 8$). *, $P < 0.05$; **, $P < 0.001$ vs control (Con).